Date:

April 9, 2010

Application For t	the O	peration	or	Report	on	Wells
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	bank Unit Tract 24		¢400.00	
Geo. N. Wise (Commencement money paid to whom) (I	July 3, 2024 Date)		\$100.00 (Amount)	
Westernamental and the second	MATERIAL PROPERTY.		William Committee	
Well No.: 1 is located 300	_Ft. from S_line and	300	Ft. from W li	ne
NE/4 Sec 14 27N	05E	Osage Cou	unty, Oklahor	na
(¼ Sec. & Sec. No.) (Twp)	(Range)			
The elevation of the ground level	_above sea level is	1130	-Ft.	
se This Side to Request Authority for Work	Use This Side	To Report	Complete	d Work
(Three Copies Required)	(One Copy Requ	uired)	
otice of Intention To:	Character of Well	l (oil, gas d	or dry)	
Drill	Subseque	ent Report of	la - N	
Plug □		n		
Deepen or plug back □	30,000,000,000,000	Treatment.		
Convert □		asing		
Pull or alter casing ⊠		Back		
Formation Treatment 🛚	Plugging.			
Details of Work	100 to		ults Obtained	
to be used. Indicate proposed mudding, cementing & other work, lauging applications shall set forth reasons for plugging & detailed statement of proposed work lauging will not commence until 10 days following approval date unless authority granted for artier commencement. \$15.00 plugging fee is also required with each application to plug.				
O Bbls oil O Bbls water in 24 hrs Fo reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or iner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 8½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC.	Work commenced Work completed (Contine	d: ue on reverse if		n only
IH w/ bit & clean out to CIBP. Run CBL. Drill out		Casing Reco	ord	
BP & put on production w/ceramic coated tbg & pump. understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations	Size In Hole When Starte	d Amt. Recovered	If Paried Depth	How
nay be commenced.		-		
Lessee: Chaparral Energy, L.L.C.			Original TD	
Signature:	Lessee:			
David P. Spencer	Ву:			
Title: Manager of Regulatory Affairs	-7.			

Pawhuska, Oklahoma

Date:

April 12, 2010

Application	For	the	Operation	Or	Report	on	Wells
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North Burbank Unit Tract 24 \$100.00 July 23, 1924 Geo. N. Wise (Amount) (Date) (Commencement money paid to whom) Ft. from S line and Ft. from W line Well No.: 2 300 978 is located 27N 05E Osage County, Oklahoma NE/4 Sec 14 (1/4 Sec. & Sec. No.) (Range) (Twp) 1132 Ft. ground level above sea level is The elevation of the Use This Side To Report Completed Work Use This Side to Request Authority for Work (One Copy Required) (Three Copies Required) Character of Well (oil, gas or dry) Notice of Intention To: Subsequent Report of: Drill...... Conversion..... Plug...... □ Formation Treatment.. Deepen or plug back.. Altering casing..... □ Convert...... Plugging Back..... □ Pull or alter casing..... ⊠ Plugging..... Formation Treatment.. **Details of Work & Results Obtained Details of Work** Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for A \$15.00 plugging fee is also required with each application to plug. 0 Bbls water in 24 hrs Bbls oil To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top Work commenced: 500' of csg. (or shoot every 50 ft to surface). Install new Work completed: 31/2" production casing w/bottom 500 ft chrome lined. (Continue on reverse if necessary) This block for plugging information only Cement this to surface w/DV tool set @ 600'. WOC. Casing Record RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood. Amt. Recovered In Hole When Started If Parted I understand that this plan of work must receive approval in Depth writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Original TD Lessee: Signature: David P. Spencer By: Title: Manager of Regulatory Affairs Subscribed and sworn to before me this _____day of ____ Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Date:

April 9, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land				
(Commencement money paid to whom) (D	ate)		(Amount)	
Well No.: 3 is located 300	Ft. from S line and	978	_Ft. from E lir	ne
NE/4 Sec 14 27N	05E	Osage Co	unty, Oklahon	na
(¼ Sec. & Sec. No.) (Twp)	(Range)			
The elevation of the ground level	above sea level is	1135	_Ft.	
Jse This Side to Request Authority for Work	Use This Side	To Repor	t Complete	d Work
(Three Copies Required)	(One Copy Rec	(uired)	-
Notice of Intention To:	Character of Well	l (oil, gas	or dry)	
Drill □	Subseque	ent Report o	f:	
Plug	Conversion	on	🗆	
Deepen or plug back □	Formation	n Treatment	🗆	
Convert	Altering c	asing	. 🗆	
Pull or alter casing ⊠	Plugging	Back	🗆	
Formation Treatment □	Plugging.		. 🗆	
🚨	1 100 00 00 00		sults Obtained	
Details of Work strilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed middling, comenting & other work. Integing applications shall set forth reasons for plugging & detailed statement of proposed work lauguing will not commence until 10 days following approval date unless authority granted for narrier commencement. S15.00 plugging fee is also required with each application to plug. O Bbls oil O Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or iner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 31/2" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC.	Work commenced Work completed (Contin	d: ue on reverse		n only
RIH w/ bit & clean out to CIBP. Run CBL. Drill out		Casing Red		
3P & put on production w/ceramic coated tbg & pump. understand that this plan of work must receive approval in	Size In Hele When Starts	ed Ann Recovered	If Parted Depth	How
riting of the Osage Indian Agency before operations hay be commenced.		-		
Lessee: Chaparral Energy, L.L.C.				
and the second s			Original TD	
Signature: David P. Spencer	Lessee:			
Title: Manager of Regulatory Affairs	Subscribed and sworn to before me this	s day of	, 2010.	

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land	i		Dank Offic 11				
(Commencement money	paid to whom)	1)	Date)			(Amount)	
Well No.:	4 is located	300	_Ft. from S	line and	300	Ft. from W li	ne
NE/4 Sec	14	27N	0	5E	Osage Cor	unty, Oklahon	na
(1/4 Sec. & Sec.	No.)	(Twp)	(Ra	inge)		000	
The elevation o	f thegrou	und level	_above sea	level is	1133	_Ft.	
se This Side to Requ		for Work	Use T			Completed	l Work
	pies Required)		Channe		One Copy Required (oil, gas of		
otice of Intention To:	-		Characte		i 55 T		
Drill				The second secon	nt Report of n		
Plug					Treatment.		
Deepen or plug Convert					sing		
Pull or alter cas					Back		
Formation Trea			ŀ				
1 omadon 1100							
rilling applications will state proposed TD & horizons to be used. Indicate proposed mudding, cementing & other lagging applications shall set forth reasons for plugging, sagging will not commence until 10 days following appro- uration commencement. \$15.00 plugging fee is also required with each applicate	r work. & detailed statement of proposed wo a <u>val</u> date unless authority granted fo	ek.					
0 Bbls oil To reactivate & set up for p Will MIRU POOH w/tbg, ro rom hole if needed. RIH w CIBP at end of casing or liner to 700' above end. We	oroduction in CO: ds, & pump. Fish bit & scraper to her. Perf & ceme	n all junk TD. Set nt csg or	Mort	k commenced			į.
00' of csg. (or shoot every			II .	ork completed			-
½" production casing w/b					.e on reverse i	f necessary)	
ement this to surface w/D			This			informatio	n only
RIH w/ bit & clean out to C	IBP. Run CBL. V	Vill drill			Casing Rec	ord	
CIBP & put on production was understand that this plan of wor writing of the Osage Indian Agen	k must receive appro	CO2 flood.	Size	In Hule When Startes	d Amt. Recovered	If Parted Depth	How
ay be commenced.							
Lessee: Chaparral Ener	gy, L.L.C.					Original TD	
Signature:			Lessee			Original 1D	
Signature: David P. Spend	er			*			
David 1 . Open			By:				
Title: Manager of Re	gulatory Affairs						
	×)*	Subscribed and swo	orn to before me this	day of	, 2010.	
Address: 701 Cedar Lake Bl	vd. Oklahoma City	Oklahoma 7311	4				

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Bur Geo. N. Wise	bank Unit Tract 24 July 3, 1924		\$100.00	
(Commencement money paid to whom) (I	Date)		(Amount)	
Well No.: 9 is located 975	Ft. from N line and	300	Ft. from W I	ine
NE/4 Sec 14 27N		Osage Co	unty, Oklahor	ma -
(1/4 Sec. & Sec. No.) (Twp)	(Range)			
The elevation of the ground level	_above sea level is	1118	_Ft.	
Use This Side to Request Authority for Work (Three Copies Required)	Use This Side	To Report		d Work
Notice of Intention To:	Character of Wel			
Drill	Subseque Conversion Formation Altering of Plugging Plugging	ent Report of on n Treatment asing Back.	f:	
CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC.	Work complete	d: nue on reverse r plugging	informatio	n only
RIH w/ bit & clean out to CIBP. Run CBL. Will drill		Casing Red		
CIBP & put on production when needed for CO2 flood. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.	Sizo In Hole When Star	Amt. Recovered	If Parted Depth	How
Lessee: Chaparral Energy, L.L.C.				
Signature:	Lessee:		Original TD	
Title: Manager of Regulatory Affairs Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 731	Subscribed and sworn to before me th	isday of	, 2010.	

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Bur Geo. N. Wise	bank Unit Tract 24 July 21, 2024		\$100.00	
A CONTRACTOR OF THE PROPERTY O	Date)		(Amount)	
Well No.: 10 is located 974	_Ft. from N line and	980F	t. from W li	ne
NE/4 Sec 14 27N	05E	Osage Cour	ity, Oklahon	na
(1/4 Sec. & Sec. No.) (Twp)	(Range)			
The elevation of the ground level	_above sea level is	1127F	₹t.	
Use This Side to Request Authority for Work	Use This Side	The same of the sa		d Work
(Three Copies Required)		(One Copy Requir		
Notice of Intention To:	Character of Wel	- 7	dry) _	
Drill	Conversion Formation Altering of Plugging Plugging	ent Report of: on n Treatment easing Back f Work & Resu		
liner to 700' above end. WOC. Shoot off & POOH w/top	Work commence	ed:		
500' of csg. (or shoot every 50 ft to surface).Install new		od:		
3½" production casing w/bottom 500 ft chrome lined.	(Conti	nue on reverse if	necessary)	
Cement this to surface w/DV tool set @ 600'. WOC.	This block fo			n only
RIH w/ bit & clean out to CIBP. Run CBL. Drill out		Casing Reco	rd	
BP & put on production w/ceramic coated tbg & pump. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations	Size In Hole When Sta	rted Amt. Recovered	If Parted Depth	How
may be commenced.		-		
Lessee: Chaparral Energy, L.L.C.			Original TD	
Signature:	Lessee:		-A772	
David P. Spencer				
Title: Manager of Regulatory Affairs	By: Subscribed and sworn to before me to	nisday of	_, 2010.	
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 731	14			

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land			78	
(Commencement money paid to whom) (Da	ate)		(Amount)	
Well No.: 11 is located 973	Ft. from N line and	980	Ft. from E line	Э
NE/4 Sec 14 27N	05E	Osage Cou	unty, Oklahom	а
(1/4 Sec. & Sec. No.) (Twp)	(Range)	1770		
The elevation of the ground level	above sea level is	1133	Ft.	
se This Side to Request Authority for Work	Use This Side	To Report	Completed	Work
(Three Copies Required)		One Copy Requ		
otice of Intention To:	Character of Wel	E 230 V		
Drill		ent Report of		
Plug □	The state of the s	on		
Deepen or plug back □		n Treatment.		
Convert □		asing		
Pull or alter casing ⊠		Back	19 <u>-1-1</u> 7	
Formation Treatment	Plugging.		4 200	
Details of Work (Illing applications will state proposed TD & horizons to be tested. Show size & length of casings be used. Indicate proposed mudding, cementing & other work, usging applications shall set forth reasons for pluggling & detailed statement of proposed work usging will not commence until 10 days following approval date unless nuthority granted for uniter commencement. (5) 5.00 pluggling fee is also required with each application to plug. O	Work commence Work complete	ed:	ults Obtained	
00' of csg. (or shoot every 50 ft to surface). Install new	II .	nue on reverse		
00' of csg. (or shoot every 50 ft to surface). Install new ½" production casing w/bottom 500 ft chrome lined.	II .	nue on reverse or plugging		n only
00' of csg. (or shoot every 50 ft to surface).Install new ½" production casing w/bottom 500 ft chrome lined. Sement this to surface w/DV tool set @ 600'. WOC.	(Conti		informatio	n only
00' of csg. (or shoot every 50 ft to surface).Install new ½" production casing w/bottom 500 ft chrome lined. ement this to surface w/DV tool set @ 600'. WOC. IH w/ bit & clean out to CIBP. Run CBL. Will drill EIBP & put on production when needed for CO2 flood.	(Conti	r plugging Casing Red	information cord If Parted	
00' of csg. (or shoot every 50 ft to surface).Install new ½" production casing w/bottom 500 ft chrome lined. Element this to surface w/DV tool set @ 600'. WOC. EIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood. understand that this plan of work must receive approval in	This block fo	r plugging Casing Red	information cord	n only
DO' of csg. (or shoot every 50 ft to surface). Install new ½" production casing w/bottom 500 ft chrome lined. ement this to surface w/DV tool set @ 600'. WOC. IH w/ bit & clean out to CIBP. Run CBL. Will drill IBP & put on production when needed for CO2 flood. Inderstand that this plan of work must receive approval in riting of the Osage Indian Agency before operations ay be commenced.	This block fo	r plugging Casing Red	information cord If Parted	
00' of csg. (or shoot every 50 ft to surface). Install new ½" production casing w/bottom 500 ft chrome lined. The ement this to surface w/DV tool set @ 600'. WOC. IH w/ bit & clean out to CIBP. Run CBL. Will drill the ement this production when needed for CO2 flood. Inderstand that this plan of work must receive approval in riting of the Osage Indian Agency before operations	This block fo	r plugging Casing Red	information cord If Parted	
00' of csg. (or shoot every 50 ft to surface).Install new ½" production casing w/bottom 500 ft chrome lined. ement this to surface w/DV tool set @ 600'. WOC. IH w/ bit & clean out to CIBP. Run CBL. Will drill IIBP & put on production when needed for CO2 flood. understand that this plan of work must receive approval in riting of the Osage Indian Agency before operations ay be commenced. Lessee: Chaparral Energy, L.L.C.	(Conti	r plugging Casing Red	information COrd If Paned Depth	78
100' of csg. (or shoot every 50 ft to surface). Install new 12" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill CIBP & put on production when needed for CO2 flood. understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.	This block fo	r plugging Casing Red	information COrd If Paned Depth	78

United States

Department of the Interior Osage Indian Agency Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 24

Fee Land				
(Commencement money paid to whom) (I	Date)		(Amount)	
Well No.: 12 is located 972	_Ft. from N line and	300	_Ft. from E li	ne
NE/4 Sec 14 27N	05E	Osage Co	unty, Oklahor	ma
(1/4 Sec. & Sec. No.) (Twp)	(Range)	- · · · · · · · · · · · · · · · · · · ·		
The elevation of the ground level	_above sea level is	1136	_Ft.	
Use This Side to Request Authority for Work	Use This Side	To Repor	t Complete	d Work
(Three Copies Required)		One Copy Rec	juired)	
Notice of Intention To:	Character of Wel	l (oil, gas	or dry)	
Drill	Subseque	ent Report o	f:	
Plug □	Conversion	on	🗆	
Deepen or plug back □	Formation	Treatment	🗆	
Convert	Altering c	asing	. 🗆	
Pull or alter casing ⊠	Plugging	Back	🗆	
Formation Treatment	Plugging.		. 🗆	
Details of Work	D-4-116	West 0 Per	ults Obtained	
to be used. Indicate proposed modding, cementing & other work. <u>Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.</u> <u>Plugging will not commence until 10 days following approval</u> date unless authority granted for earlier commencement. <u>A \$15.00 plugging fee is also required with each application to plug.</u>				
0 Bbls oil 0 Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top 500' of csg. (or shoot every 50 ft to surface).Install new	Work commenced Work completed	ı:		
31/2" production casing w/bottom 500 ft chrome lined.		ue on reverse		
Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill	This block for	(F)		n only
CIBP & put on production when needed for CO2 flood.	Carlos Ca	Casing Rec		
understand that this plan of work must receive approval in	Size In Hole When Starte	d Amt. Recovered	If Parted Depth	How
writing of the Osage Indian Agency before operations				
nay be commenced.			-	
Lessee: Chaparral Energy, L.L.C.			Original TD	
Signature:	Lessee:		_	
David P. Spencer	267AGBRYRGWI7			
	Ву:			
Title: Manager of Regulatory Affairs				
3-3-3-1-1	Subscribed and sworn to before me this	day of	, 2010.	
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 7311-	1.5			

Mall Nam	CNDLL 24 4	******	**************************************	**********	************	******	****
veii ivam	€NBU 24-1	Comp	pany Name Phillips Petroleum Co. Dat	te Drilled 9/2	9/1924	Depth	3040
ocation	300'FS	L & 300	'F <u>W</u> L, <u>NE</u> /4, Sec. <u>14</u> , T <u>27</u>	N, R 05 E	Status	Oil Producer	
levation	1130	X GL KB					
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is 7 How:	A or P&A Des	cribe
11	20	21 ' 2345 '	25' of 1" pipe cmt w/ 70 sx reg & 30 sx Cal-Seal		•		
	5 1/2	3000 '	Cmt w/ 40 sx 30% Diacel "D"		,		
	, ,,	•			,		
-ormation	ns Open To \	Nellbore:	Burbank (Open Hole 3000' - 3040')			******	****
√ell Name	NBU 24-2	Comp	oany Name Phillips Petroleum Co. Dat	e Drilled 9/7	/1924	Depth	3054
ocation	300'FS		'FW L, NE /4, Sec. 14 , T 27			71 Al- 1,7	
levation	1132	X GL KB					
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is T	A or P&A Des	cribe
"	20 "	20 '			•		
"	15 1/2	135 '			•		
	8 5/8	2317 '			1.		
	/	2845 '			'		
"	5 1/2		2835' - 2995'		1		
-ormatior	ns Open To \	Wellbore:	Burbank (Open Hole 2995' - 3054)				
Ioll Nome	*********** :NBU 24-3	*************		***********		******	****
ren Name	NDU 24-3	_ Comp	pany Name Phillips Petroleum Co. Dat	e Drilled 9/7	/1924	Depth	305€
ocation	300'FS	L & 978	FE L, NE /4, Sec. 14 , T 27	N, R 05 E	Status	Oil Producer	
	1135	X]GL KB					
levation		Landad	Cement & Additive Data	Top of Cement	If well is T	TA or P&A Des	cribe
Hole Size	Casing Size	<u>Landed</u> Depth		Contone			
<u>Hole</u>	Size	<u>Depth</u>		Cement	1		
Hole Size	<u>Size</u> 15 1/2 "	<u>Depth</u> 574 '		Cement	1		
Hole Size	<u>Size</u> 15 1/2 '' 8 5/8 ''	<u>Depth</u> 574 ' 2333 '	Squeezed Holes from 1904' to surface W/100	Gernerit	1		
<u>Size</u>	<u>Size</u> 15 1/2 "	<u>Depth</u> 574 '	Squeezed Holes from 1904' to surface W/100 sks Reg 2% CC. Dumped 45 sx ready-mix cmt from 572' to surface.	Genera	· · · · · · · · · · · · · · · · · · ·		
Hole Size	<u>Size</u> 15 1/2 '' 8 5/8 ''	<u>Depth</u> 574 ' 2333 '	sks Reg 2% CC. Dumped 45 sx ready-mix cmt	Genera	1		

and and the contract of the co	BU 24-4	Com	pany Name Phillips Petroleum Co. Da	ite Drilled 9/8	/1924 Depth 3047
_ocation	300'FS	L & 300	'FEL, NE /4, Sec. 14 , T 27	N, R 05 E	Status Shut In Oil
Elevation	1133 [X]GL KE	3.		
Hole Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 '	20 '			1
"	8 5/8 "	2301 '			1
"	7 "	2790 '			1
"	5 1/2 "		2771' - 2979'		·
"	11				· ·
Formations	Open To V	Vellbore:	Burbank (Openhole 2979' - 3047')		
				******	*******
Vell Name N	BU 24-5	Com	pany Name Phillips Petroleum Co. Da	te Drilled 9/1	5/1924 Depth 3042
ocation	075155	1 0 200	15W1 NE // See 14 T 27	N D OF E	Status De Ald e/24/4062
ocation	9/3 F3	L & 300	'F <u>W</u> L, <u>NE</u> /4, Sec. <u>14</u> , T <u>27</u>	N, K 05 E	Status P&A d 8/24/1962
Hole Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
11	15 1/2 "	42 '			Spot 105 sx cmt 2/ 30% Diacel "D" @
11	8 5/8 "	2339 '			2988'. WOC. TOC @ 2588'. Part an POOH w/ 2515' 7" csg. Fill hole w/ heav
"	7 ''	2795 '			mud. Spot 10 sx cmt @ 2490'. WOC. Pa
"	5 1/2 "	Liner '	2775' - 2958'		and POOH w/ 125' 8 5/8" csg. Mudded ho
11	"				
Formations	Open To V	Vellbore:	None		
vell Name N	********* BU 24-6	Com	pany Name Phillips Petroleum Co. Da	te Drilled 9/2	**************************************
				Page 1	
ocation	974'FS	L & 980	'F <u>W</u> L, <u>NE</u> /4, Sec. <u>14</u> , T <u>27</u>	N, R 05 E	Status P&A'd 10/4/1962
	1130	X GL KE			
					If well in TA or DOA Describe
levation	Casing	Landed		Top of	If well is TA of P&A Describe
levation	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
levation			Cement & Additive Data		How: Spot 65 sx cmt w/ 30% Diacel "D"@ 2955
Elevation Hole	Size	Depth	Cement & Additive Data		How: Spot 65 sx cmt w/ 30% Diacel "D"@ 2955" WOC. TOC @ 2620'. Fill hole w/ heav
Hole (<u>Size</u> 20 "	Depth 29 '	Cement & Additive Data		How: Spot 65 sx cmt w/ 30% Diacel "D"@ 2955 WOC. TOC @ 2620'. Fill hole w/ heav mud. Part and POOH w/ 2417' 7" csg. Spot 10 sx cmt @ 2400'. WOC. Part and POO
Hole Size	Size 20 " 8 5/8 " 7 "	Depth 29 ' 2352 ' 2818 '			How: Spot 65 sx cmt w/ 30% Diacel "D"@ 2955 WOC. TOC @ 2620'. Fill hole w/ heav mud. Part and POOH w/ 2417' 7" csg. Spo
Hole Size	Size 20 " 8 5/8 "	Depth 29 ' 2352 ' 2818 '	Cement & Additive Data 2798' - 2977'		How: Spot 65 sx cmt w/ 30% Diacel "D"@ 2955 WOC. TOC @ 2620'. Fill hole w/ heav mud. Part and POOH w/ 2417' 7" csg. Spot 10 sx cmt @ 2400'. WOC. Part and POO
Hole Size	Size 20 " 8 5/8 " 7 "	Depth 29 ' 2352 ' 2818 '			How: Spot 65 sx cmt w/ 30% Diacel "D"@ 2955 WOC. TOC @ 2620'. Fill hole w/ heav mud. Part and POOH w/ 2417' 7" csg. Spot 10 sx cmt @ 2400'. WOC. Part and POO

Vell Nam	€ NBU 24-7	Comp	pany Name Phillips Petroleum Co. D	ate Drilled 10/	12/1924	Depth	3066
ocation	973'FS	L & 980	'FEL, NE /4, Sec. 14 , T 27	7_ N, R <u>05</u> E	Status	P&A'd 9/7/	1962
levation	1135	X GL KB					
Hole Size	<u>Casing</u> <u>Size</u>	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	How:	ΓA or P&A [
,	" 20 "	9 '					0% Diacel "D" (2716'. Part an
	" 8 5/8 "	2460 '					Fill hole w/ h
,	" 7 "	2970 '					2570. WOC. Pa /8" csg. Mudde
,	5 1/2 "	Liner '	2739' - 2982'		hole to surf.		vo csy. Mudde
,	11				7		1
Formatio	ns Open To	Nellbore:	None				
******	******	******	*************			******	STATES OF ACCOUNTS AT STATE
Vell Nam	€ NBU 24-8	Comp	pany Name Phillips Petroleum Co. D	ate Drilled 10/	5/1924	Depth	3043
ocation	972 ! E S	1 & 300	'FEL, NE /4, Sec. 14 , T 27	7 N P 05 E	Statue	D8 A'A 0/10	0/1062
Ocation	912 73	L & 300	FE L, NE 74, Sec. 14 , 1 2	/_ N, K 05 E	Status	PAAU 9/13	3/1902
		X GL KB		Top of	March to 7	ΓΛ D0 Λ Ι	Danasih a
Hole	Casing	Landed	0 10 0 1 1111 10 1	I on or	If well is	TA or P&A [Jescribe
Size	Size		Cement & Additive Data		196762		
Size	Size	<u>Depth</u>	Cement & Additive Data	Cement	How: Spot 40 sx	cmt w/ 30% Di	acel "D" @ 2989
1	" 20 "	Depth 81 '	Cement & Additive Data		How: Spot 40 sx o	cmt w/ 30% Di ; @ 2789'. Pa	acel "D" @ 2989
1	" 20 " " 8 5/8 "	Depth 81 ' 2298 '	Cement & Additive Data		How: Spot 40 sx of WOC. TOC 2430' 7" csg	cmt w/ 30% Di ; @ 2789', Pa g. Fill hole w/ l	acel "D" @ 2989 art and POOH only mud. Spot
,	20 " 8 5/8 " 7 "	Depth 81 ' 2298 ' 2800 '			How: Spot 40 sx (WOC. TOC 2430' 7" csg sx cmt @ 2	cmt w/ 30% Di ; @ 2789', Pa g. Fill hole w/ l	acel "D" @ 2989 art and POOH only by mud. Spot of art and POOH
,	20 " 8 5/8 " 7 "	Depth 81 ' 2298 '	2780' - 2986'		How: Spot 40 sx (WOC. TOC 2430' 7" csg sx cmt @ 2	cmt w/ 30% Di @ 2789', Pa g. Fill hole w/ l 390', WOC. P	acel "D" @ 2989 art and POOH on they mud. Spot of art and POOH of
,	20 " 8 5/8 " 7 " 5 1/2 "	Depth 81 ' 2298 ' 2800 ' Liner '			How: Spot 40 sx (WOC. TOC 2430' 7" csg sx cmt @ 2	cmt w/ 30% Di @ 2789', Pa g. Fill hole w/ l 390', WOC. P	acel "D" @ 2989 art and POOH on they mud. Spot of art and POOH of
,	20 " 8 5/8 " 7 "	Depth 81 ' 2298 ' 2800 ' Liner '			How: Spot 40 sx (WOC. TOC 2430' 7" csg sx cmt @ 2	cmt w/ 30% Di @ 2789', Pa g. Fill hole w/ l 390', WOC. P	acel "D" @ 2989 art and POOH v nvy mud. Spot 1 art and POOH v
Formatio	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To	Depth 81 ' 2298 ' 2800 ' Liner ' Wellbore:	2780' - 2986' None	<u>Cement</u>	How: Spot 40 sx 6 WOC. TOC 2430' 7" csg sx cmt @ 2 439' 8 5/8" 6	cmt w/ 30% Di ; @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 298s art and POOH of the solution o
Formatio	20 " 8 5/8 " 7 " 5 1/2 "	Depth 81 ' 2298 ' 2800 ' Liner ' Wellbore:	2780' - 2986'	<u>Cement</u>	How: Spot 40 sx 6 WOC. TOC 2430' 7" csg sx cmt @ 2 439' 8 5/8" 6	cmt w/ 30% Di ; @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 2989 Int and POOH was the property of the property
Formatio	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To	Depth 81 ' 2298 ' 2800 ' Liner ' Wellbore:	2780' - 2986' None	Cement A contract of the cont	How: Spot 40 sx 6 WOC. TOC 2430' 7" csg sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di ; @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 2989 Int and POOH very mud. Spot 1 Int and POOH very mu
Formatio	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To V	Depth 81 ' 2298 ' 2800 ' Liner ' Wellbore:	2780' - 2986' None ***********************************	Cement A contract of the cont	How: Spot 40 sx 6 WOC. TOC 2430' 7" csg sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di : @ 2789'. Pa g. Fill hole w/ i/390'. WOC. P csg. Mudded h	acel "D" @ 2989 art and POOH very mud. Spot 1 art and POOH very old to surf.
Formatio ********* Vell Name	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To V	Depth 81 ' 2298 ' 2800 ' Liner ' ' Wellbore: Comp	2780' - 2986' None ***********************************	Cement A contract of the cont	How: Spot 40 sx 6 WOC. TOC 2430' 7" csg sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di : @ 2789'. Pa g. Fill hole w/ i/390'. WOC. P csg. Mudded h	acel "D" @ 2988 Int and POOH why mud. Spot 1 art and POOH wole to surf.
Formatio Vell Name ocation Elevation Hole	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To \ NS NBU 24-9 975 ' F N 1118 Casing	Depth 81 ' 2298 ' 2800 ' Liner ' Wellbore: Comp L & 300 X GL KB	2780' - 2986' None ************************************	Cement Attribute of the content of	How: Spot 40 sx 6 WOC. TOC 2430' 7" cs6 sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di c @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 298s art and POOH show mud. Spot a art and POOH sole to surf.
Formatio Vell Name ocation Elevation Hole	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To \ NS NBU 24-9 975 ' F N 1118 Casing Size " 20 "	Depth 81 ' 2298 ' 2800 ' Liner ' Wellbore: ***********************************	2780' - 2986' None ************************************	Cement Attribute of the content of	How: Spot 40 sx 6 WOC. TOC 2430' 7" cs6 sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di c @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 298s art and POOH show mud. Spot a art and POOH sole to surf.
Formatio Vell Name ocation Elevation Hole	20 " 8 5/8 " 7 " 5 1/2 " " ns Open To v NBU 24-9 975 ' F N 1118 Casing Size " 20 " 15 1/2 "	Depth 81 ' 2298 ' 2800 ' Liner ' ' Wellbore: Comp L & 300 X GL KB Landed Depth 25 ' 115 '	2780' - 2986' None ************************************	Cement Attribute of the content of	How: Spot 40 sx 6 WOC. TOC 2430' 7" cs6 sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di c @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 298s art and POOH shvy mud. Spot art and POOH sole to surf.
Formatio ******* Vell Name ocation Elevation Hole Size	20 " 8 5/8 " 7 " 5 1/2 " "	Depth 81' 2298' 2800' Liner' Wellbore: ***********************************	2780' - 2986' None ************************************	Cement Attribute of the content of	How: Spot 40 sx 6 WOC. TOC 2430' 7" cs6 sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di c @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 298s art and POOH show mud. Spot a art and POOH sole to surf.
Formatio ******** Vell Name ocation Hole Size	20 " 8 5/8 " 7 " 5 1/2 " "	Depth 81 ' 2298 ' 2800 ' Liner ' ' Wellbore: Comp L & 300 X GL KB Landed Depth 25 ' 115 '	2780' - 2986' None ************************************	Cement Attribute of the content of	How: Spot 40 sx 6 WOC. TOC 2430' 7" cs6 sx cmt @ 2 439' 8 5/8" c	cmt w/ 30% Di c @ 2789'. Pa g. Fill hole w/ 390'. WOC. P csg. Mudded h	acel "D" @ 298s art and POOH shvy mud. Spot art and POOH sole to surf.

Proposed I	nj Well	******	_	*****	*******
Well Name	NBU 24-10	Com	pany Name Phillips Petroleum Co. Di	ate Drilled 10/	12/1924 Depth 3061
Location	974 ' F N	L & 980	'F <u>W</u> L, <u>NE</u> /4, Sec. <u>14</u> , T <u>27</u>	⁷ N, R <u>05</u> E	Status Oil Producer
Elevation	1127	X GL KE	i n		
Hole Size	Casing <u>Size</u>	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '			1
	8 5/8 "	2309 '			1
	5 1/2 "	3008 '	Cmt w/40 sks 30% DD		1
<u> </u>					
Formation	s Open To \	Mellhore:	 Burbank (Openhole 3008' - 3053')		1
*****	******	******	**************************************	******	********
Well Name	NBU 24-11	Com	pany Name Phillips Petroleum Co. Da	ate Drilled 12/	13/1924 Depth 3050
Location	973 ' F N	L & 980	'FEL, NE /4, Sec. 14 , T 27	N, R 05 E	Status Shut In Oil
Elevation	1133	X GL KB			
Hole Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	24 '			
11	15 "	135 '			1
"	12 1/2 "	286 '			,
	8 5/8 "	2333 '			1
"	7 "	2811 '	Ran 2716' 5 1/2" in place of replacing 7"		,
"	5 1/2 "		2787' - 3008' cmt w/ 65 sx DD.		,
Formation	s Open To \	Wellbore:	Burbank (Openhole 3008' - 3050')		
^/all Name	NBU 24-12	************	**************************************	******	**************************************
/veii ivaine	NDU 24-12	Comp	pany Name Phillips Petroleum Co. Da	ate Drilled 10/	17/1924 Depth 3057
ocation	972 ' F N	L & 300	FE L, NE /4, Sec. 14 , T 27	N, R 05 E	Status Shut In Oil
Elevation	1136	X GL KB			
Hole Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	20 "	20 '			1
"	8 5/8 "	2292 '			1
"	7 "	2807 '		-	1
"	5 1/2 "	Liner '	2767' - 3002'		1
"	"	1			?
"	11	1			1
	s Open To V		Burbank (Openhole 3002' - 3057')		

Proposed	Inj Well	******	- *******	*****	*****	*****	*****	*****	*****	****
Well Name	NBU 24-13	Comp	pany Nam	e Phillips Petr	roleum Co.	Date	Drilled 9/2	/1924	Depth	3050 '
Location	300 FN	L & 300	' F <u>W</u> L,	NE_ /4, Sec	c. <u>14</u> , T	27	N, R <u>05</u> E	Status	P&A'd 1/2	5/1963
Elevation		GLKB	;							
<u>Hole</u> <u>Size</u>	Casing Size	Landed Depth	<u>C</u>	ement & Addit	tive Data		Top of Cement	How:	ΓA or P&A [
"	20	17 '								iacel "D" @ 3005'. art and POOH w/
	8 5/8	2372 '						2420' 7" csg	g. Fill hole w/	heavy mud. Spot
	1	2797 '								C. Part and POOH led hole to surf.
. "	5 1/2 "	Liner '	2777' - 2	980'						34 11313 12 22
"								1		
Formation	ns Open To V	Vellbore:	None	********		******				
Well Name	NRIJ 24-14	Com	oanv Nam	e Phillips Petr	roleum Co.	Date	Drilled 10/	7/1924	Depth	3061 '
		v v				=				
Location	300'FN	L & 980	' F W L,	NE_ /4, Sec	c. <u>14</u> , T	27	N, R 05 E	Status	P&A'd 2/1	4/1963
	1136	X GL KB	ı							
Hole Size	Casing Size	<u>Landed</u> <u>Depth</u>		ement & Addit	tive Data		Top of Cement	How:	TA or P&A I	
"	15 1/2	326 '								iacel "D" @ 3018'. art and POOH w/
"	8 5/8	2335 '						2637' 7" csq	g. Fill hole w/	heavy mud. Spot
"	/	2835 '								C. Part and POOH ed hole to surf.
"	5 1/2 "	Liner '	2815' - 2	2984'				- W/ 00/ 00/	5 Gog. Middao	d Hole to sain.
"	"							1		
Formation	ns Open To V	Vellbore:	Mana							
*****	*****	*****	None	*****	*****	*****	******	******	******	*****
Well Name	NBU 24-15	Comp	pany Nam	e Phillips Petr	roleum Co.	Date	Drilled 11/	19/1924	Depth	3057 '
Location	300 ' F N	L & 979	'F <u>E</u> L,	NE_ /4, Sec	c. <u>14</u> , T	27	N, R <u>05</u> E	Status	P&A'd 1/3	1/1963
Elevation	1136	X GL KB	1							
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Ce	ement & Addit	tive Data		Top of Cement	If well is 'I How:	TA or P&A	Describe
"	20 "	21 '								iacel "D" @ 2990'
"	8 5/8 "	2327 '								art and POOH ware heavy mud. Spot
"	7 "	2806 '						10 sc cmt @	@ 2470'. WOO	C. Part and POOF
"	5 1/2 "		2786' - 2	2977'				W/ 751' 8 5/8	8" csg. Mudae	ed hole to surf.
"								7		
"	"							7		
Formation	ns Open To V	Nellbore:	None					1		

Well Name	NBU 24-16	Comp	any Name Phillips Petroleum Co. Da	te Drilled 10/	30/1924 Depth 3032
	200151		MY MARINE DE CONTROL MENT PROPERTOR DE CONTROL DE CONTR	Dealer to the second	
_ocation	300 FIN	L & 300	FE L, NE /4, Sec. 14 , T 27	N, R 05 E	Status P&A d 1/18/1963
Elevation	1128	X GL KB			
Hole	Casing	Landed		Top of	If well is TA or P&A Describe
Size	Size	Depth	Cement & Additive Data	Cement	How:
11	20 "	19 '			Spot 35 sx cmt w/ 30% Diacel "D" @ 2990
	8 5/8 "	2310 '			WOC. TOC @ 2800'. Part and POOH w 2682' 7" csg. Fill hole w/ heavy mud. Spo
11	7 "	2795 '		-	10 sc cmt @ 2640'. WOC. Part and POOI
"	5 1/2 "		2775' - 2964		w/ 1549' 8 5/8" csg. Mudded hole to surf.
11		1	2770 2001		7
Formation	ns Open To	Wellbore:	None		
*****	********		*************	*****	********
Vell Name	NBU 24-W	21 Comp	any Name Phillips Petroleum Co. Da	te Drilled 10/	7/1962 Depth 3059
ocation	890'FS	L & 565	FWL, NE /4, Sec. 14 , T 27	_ N, R <u>05</u> E	Status Injection Well
Elevation	1127	X GL KB			
Lievation	1121	MOLLIND			
Hole	Casing	Landed		Top of	If well is TA or P&A Describe
Size	Size	Depth	Cement & Additive Data	Cement	How:
11	8 5/8 "	116 '	Cmt w/105 sx cmt	Surface	
n.	4 1/2 "	3015 '	Cmt w/135 w/ 30% Diacel "D"		
11		2960 '	Cmt w/150 sx cmt		1
"		1			
11	"				•
Formation	ns Open To	Wellbore:	Burbank (Open Hele 2015) 2050	\	
*****	******	******	Burbank (Open Hole 3015' - 3059'	<i>)</i> *************	******
Vell Name	NBU 24-W	22 Comp	any Name Phillips Petroleum Co. Da	te Drilled 10/	11/1962 Depth 3068
ocation.	890'FS	L & 1245	'FWL, NE /4, Sec. 14 , T 27	N, R 05 E	Status P&A'd 2/22/2002
_00 86	1110				
Elevation	1133	X GL KB			
Hole	Casing	Landed		Top of	If well is TA or P&A Describe
Size	Size	Depth	Cement & Additive Data	Cement	How:
"	8 5/8 "	114 '	Cmt w/92 sx cmt	Surf	Fill hole w/ heavy mud. Spot 50 sx 50/5
"	4 1/2 "	3021 '	Cmt w/135 w/ 30% Diacel "D"	Juli	poz cmt on bottom plug @ 2960', WOO
,,	4 1/2	3021	Ont w/133 w/ 30% Diacei D		Part and POOH w/ 419' 4 1/2" csg. Circ to plug of 260 sx 50/50 poz cmt to surf. POO
					w/ WS & fill void w/ cement. Cut 8 5/8" cs
**	. "			-	3' below GL and restore loc.
**					
"	,,	1			4

			WHICH PENETRATE THE INJECTION 2	LONE	
Proposed I	nj Well ******	*******	**************************************	*****	*******
Well Name	NBU 24-W2	Comp	pany Name Phillips Petroleum Co. Da	te Drilled 9/2	8/1962 Depth 3067 '
Location	890'FS	L & 715	'FE L, NE /4, Sec. 14 , T 27	N, R <u>05</u> E	Status P&A'd 9/03/1997
Elevation	1136	X GL KB			
<u>Hole</u> Size	Casing Size	<u>Landed</u> Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8 5/8 '	112 '	Cmt w/89 sx	surf	Fill hole w/ mud. Spot 25 sx 50/50 poz cmt
- "	4 1/2 "	3021 '	Cmt w/35 sx w/ 30% Diacel "D"	Suii	@ 2940'. Part and POOH w/ 446' 4 1/2"
- "	4 1/2	3021	Citit W/133 SX W/ 30% Diacei D		csg. Circ 200 sx 50/50 poz cmt from 400' to surf. Cut 8 5/8" csg 3' below GL and restore
					loc.
		<u> </u>			<u> </u>
	"				1
Formation	s Open To V	Vellbore:	None		
	***********	******	**************************************	*******	**************************************
vveii Name	NBU 24-W2	4 Comp	pany Name Phillips Petroleum Co. Date	te Drilled 9/2	3/1962 Depth 3042
Location	890'FS	L & 75	'FEL, NE /4, Sec. 14, T 27	N, R <u>05</u> E	Status Injection Well
Elevation	1126	X GL KB			
Hole	Casing	Landed	Coment & Additive Date	Top of	If well is TA or P&A Describe
Size	<u>Size</u>	<u>Depth</u>	Cement & Additive Data	Cement	How:
"	8 5/8 "	115 '	Cmt w/92 sx	surf	
11	4 1/2 "	2999 '	Cmt w/135 sx w/ 30% Diacel "D"		!
"	"				1
11	**				1
"	"	,			1
Formation	s Open To V	Vellbore:	Burbank (Openhole 2999' - 3042')		·
*****	*****	******	**************************************	*******	*******
Well Name	NBU 24-W2	5 Comr	pany Name Phillips Petroleum Co. Dat	te Drilled 12/	2/1962 Depth 3064 '
			Tangot at a constant so.	io Dimod iiz	271002
Location	420'FN	L & 565	'FW L, NE /4, Sec. 14 , T 27	N, R 05 E	Status P&A'd 3/31/1967
Elevation	1129	X GL KB			A
Lievation	1120	VIOC TURE			
Hole	Casing	Landed	0	Top of	If well is TA or P&A Describe
Size	Size	Depth	Cement & Additive Data	Cement	How:
11	8 5/8 '	124 '	105 sx	surf	Fill hole w/ hvy mud. Spot 100 sx reg cm
11	4 1/2 "	3032 '	135 sx w/ 30% Diacel "D"		through 1770' of 2" tbg, rasied tbg 120' and spotted 45 sx reg cmt. Filled hole w/ muc
11	11	1	, cc on m con blader b		and capped w/ 5 sx reg cmt.
11	11	1			1 2 2 2 2 2 2
11					1
"	.,,				<u>'</u>
Formation	Open To I	Vellbore:	None	N	

vveii Name	NBU 24-W	26 Comp	pany Name Phillips Petroleum Co. Dat	te Drilled 11/	18/1962 Depth 3074 '
	400 LEN				Here a substitution and
ocation	420 FN	L & 1245	'F <u>W</u> L, <u>NE</u> /4, Sec. <u>14</u> , T <u>27</u>	N, R 05 E	Status P&A'd 9/3/1997
Elevation	1140	X GL KB			
<u>Hole</u> Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
11	8 5/8 "	130 '	Cmt w/105 sx	surf	Fill hole w/ mud to 400'. Spot 100 sx 50/50 poz cmt @ 2050'. WOC. Circ top cmt plus
"	4 1/2 "	3035 '	Cmt w/135 sx w/ 30% Diacel "D" cmt		of 175 sx 50/50 poz cmt to surf. Cut 8 5/8 csg and 4 1/2" csg 3' Below GL and restore
"			shoe w/ 50 sx.		loc.
					1
Formation	o Open To	Mallhara	None		
******	s Open To		None	******	*********
Vell Name	NBU 24-W	27 Comp	oany Name Phillips Petroleum Co. Dat	te Drilled 11/	24/1962 Depth 3041
	400151			×	
ocation _	420 FN	L & 715	FE L, NE /4, Sec. 14 , T 27	N, R 05 E	Status Injection Well
levation	1135	XGL∏KB			
Hole	Casing	Landed	Cement & Additive Data	Top of	If well is TA or P&A Describe
<u>Size</u>	<u>Size</u>	<u>Depth</u>	Cement & Additive Data	Cement	How:
"	8 5/8 "	-	Cmt w/105 sx	Surface	1
	4 1/2 "	3002 '	Cmt w/135 sx w/ 30% Diacel "D"		
	3 1/2 "	2891 '	Cmt w/250 sx w/ 2% Gel		
					<u>*</u>
"		<u>'</u>			
Formation	s Open To	Wellbore:	Burbank (Openhole 3002' - 3041')		
***********	*********	00 0	**************************************	******	**************************************
veli ivame	NBU 24-W	Z8 Comp	pany Name Phillips Petroleum Co. Dat	te Drilled 11/	/20/1962 Depth 3037
ocation	420 ' F N	L & 300	'FEL, NE /4, Sec. 14 , T 27	N, R 05 E	Status P&A'd 9/3/1997
					1.332.403.533
levation	1129	X GL KB			
	Casing	Landed		Top of	If well is TA or P&A Describe
Hole	Size	Depth	Cement & Additive Data	Cement	How:
<u>Hole</u> <u>Size</u>	SIZE	PARTITION OF THE	Cmt w/105 sx	surf	Fill hole w/ hvy mud to 400'. Spot 25 st
	8 5/8 "	125 '	Ollic W/100 SX	0011	E0/E0 6 00/01 11/00 D
<u>Size</u>		125 ¹	OHR W/100 3X		POOH w/ 415' 4 1/2" csg. Circ top plug d
<u>Size</u>	8 5/8 "				POOH w/ 415' 4 1/2" csg. Circ top plug of 200 sx 50/50 poz cmt from 400' to surf. Cu
<u>Size</u>	8 5/8 "		Cmt w/135 sx w/ 30% Diacel "D" cmt		POOH w/ 415' 4 1/2" csg. Circ top plug d
Size	8 5/8 "				50/50 poz cmt @ 2940'. WOC. Part and POOH w/ 415' 4 1/2" csg. Circ top plug of 200 sx 50/50 poz cmt from 400' to surf. Cu
Size	8 5/8 "				POOH w/ 415' 4 1/2" csg. Circ top plug of 200 sx 50/50 poz cmt from 400' to surf. Cu

Pawhuska, Oklahoma

Date:

April 12, 2010

Application	For	the	Operation	or	Report	on	Wells
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North Burbank Unit Tract 32 Phillips Petroleum Co. April 7, 1924 \$35.00 (Date) (Commencement money paid to whom) (Amount) is located 2340 Ft. from N line and 300 Ft. from E line SE/4 Sec 14 27N 05E Osage County, Oklahoma (1/4 Sec. & Sec. No.) (Twp) (Range) The elevation of the ground level above sea level is 1122 Ft. Use This Side to Request Authority for Work Use This Side To Report Completed Work (One Copy Required) (Three Copies Required) Character of Well (oil, gas or dry) **Notice of Intention To:** Subsequent Report of: Drill..... Conversion..... Plug..... Deepen or plug back.. □ Formation Treatment.. Altering casing..... □ Convert...... Plugging Back..... □ Pull or alter casing..... ⊠ Formation Treatment.. Plugging..... 🗆 **Details of Work & Results Obtained Details of Work** Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed madding, comenting & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for A \$15.00 plugging fee is also required with each application to plug. Bbls oil 0 Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top Work commenced: 500' of csg. (or shoot every 50 ft to surface). Install new Work completed: 31/2" production casing w/bottom 500 ft chrome lined. (Continue on reverse if necessary) Cement this to surface w/DV tool set @ 600'. WOC. This block for plugging information only RIH w/ bit & clean out to CIBP. Run CBL. Will drill Casing Record CIBP & put on production when needed for CO2 flood. In Hole When Started Ant. Recovered If Parted I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Signature: Lessee: David P. Spencer By Title: Manager of Regulatory Affairs Subscribed and sworn to before me this _____day of ______, 2010 Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Date:

Application	For	the	Operation	Or	Report	on	Wells
	-						

	oank Unit Tract 32			
	April 7, 2024		\$35.00	
(Commencement money paid to whom) (D	ate)		(Amount)	
Well No.: 2 is located 300	Ft. from S line and	980	Ft. from E li	ne
SE/4 Sec 14 27N	05E	Osage Cou	nty, Oklahor	na
(1/4 Sec. & Sec. No.) (Twp)	(Range)			
The elevation of the ground level	_above sea level is	1137	Ft.	
Use This Side to Request Authority for Work	Use This Side		farfill magazina anton	d Work
(Three Copies Required)		(One Copy Requi		
Notice of Intention To:	Character of Wel	\$ 150 TF	r dry) _	
Drill 🗆	- I - Zean proposition - Zean pr	ent Report of:	21.00	
Plug 🗆	11 (2)	on		5
Deepen or plug back □		n Treatment	20 20 20	
Convert		asing		
Pull or alter casing ⊠	11	Back		
Formation Treatment	Plugging.			
D				
Details of Work Drilling applications will state proposed TO & horizons to be tested. Show size & length of casings	Details of	f Work & Resu	Its Obtained	
Plugging applications shall set forth tensors for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement. A \$15.00 plugging fee is also required with each application to plug.				
0 Bbls oil 0 Bbls water in 24 hrs				
To reactivate & set up for production in CO2 test area				
Will MIRU POOH w/tbg, rods, & pump. Fish all junk				
from hole if needed. RIH w/bit & scraper to TD. Set				
CIBP at end of casing or liner. Perf & cement csg or				
liner to 700' above end. WOC. Shoot off & POOH w/top	Work commence	d:		
500' of csg. (or shoot every 50 ft to surface). Install new	Work complete	d:		
31/2" production casing w/bottom 500 ft chrome lined.		nue on reverse if i		
Cement this to surface w/DV tool set @ 600'. WOC.	This block fo	r plugging i	nformatio	n only
RIH w/ bit & clean out to CIBP. Run CBL. Drill out		Casing Reco	rd	
BP & put on production w/ceramic coated tbg & pump.	Size In Hole When Star	ted Aint, Recovered	If Parted	miser of District Anter
I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations			Depth	Haw
may be commenced.				
Lessee: Chaparral Energy, L.L.C.				
vanarest/ins. ************************************			Original TD	
Signature:	Lessee:			
David P. Spencer	-24			
	By:			
Title: Manager of Regulatory Affairs	Subscribed and sworn to before me thi	s day of	2010	
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114				

Date:

Application	For	the	Operation	or	Report	on	Wells

	bank Unit Tract 32 May 20, 1924		\$35.00	
(Commencement money paid to whom) (D	Date)		(Amount)	
Well No.: 3 is located 300	Ft. from S line and	1017	Ft. from Wlin	ne
SE/4 Sec 14 27N	- 05E	Osage Co	- unty, Oklahor	na
(1/4 Sec. & Sec. No.) (Twp)	(Range)	3		
The elevation of the ground level	_above sea level is	1137	_Ft.	
Use This Side to Request Authority for Work (Three Copies Required)	Use This Side	To Report		d Work
Notice of Intention To:	Character of Wel	The second second second second second	Make the second second	
Drill□ Plug□ Deepen or plug back □ Convert□ Pull or alter casing ☒ Formation Treatment □	Subseque Conversion Formation Altering of Plugging	ent Report of on n Treatment. asing Back		
to be used. Indicate proposed modding, cenerating & other work. Phyging applications shall set forth reasons for plugging & detailed statement of proposed work. Phyging will not commence until 10 days following approval date unless authority granted for earlier commencement. A \$15.00 plugging fee is also required with each application to plug. O Bbls oil O Bbls water in 24 hrs. To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set				
CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top	Work commence			
500' of csg. (or shoot every 50 ft to surface). Install new 3½" production casing w/bottom 500 ft chrome lined.	Work complete	d: nue on reverse i	f nanaceany)	
Cement this to surface w/DV tool set @ 600'. WOC.	This block fo			n only
RIH w/ bit & clean out to CIBP. Run CBL. Will drill		Casing Rec		ray Saverica
CIBP & put on production when needed for CO2 flood. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations	Size In Hole When Start	1	If Parted Depth	How
may be commenced.				
Lessee: Chaparral Energy, L.L.C.				
Signature:	Lessee:		Original TD _	
David P. Spencer	By:			
Title: Manager of Regulatory Affairs	Subscribed and sworn to before me thi	sday of	, 2010.	
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 7311		ye — end yes	No. 1992	

Date:

Application	For	the	Operation	or	Report	on	Wells
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Gladys I. Chandler		ank Unit Tract 32 May 20, 2024		\$35.00
(Commencement money paid to whom)	(Da	ate)	Warran Coll Styles	(Amount)
Well No.: 6 is located	980	Ft. from N line and	300	Ft. from W line
SE/4 Sec 14 27N	J	05E	Osage Co	ounty, Oklahoma
(1/4 Sec. & Sec. No.) (Twp		(Range)		
The elevation of the ground	level	above sea level is	1131	Ft.
Use This Side to Request Authority for (Three Copies Required)	r Work	Use This Side	To Repor	t Completed Wor
Notice of Intention To:		Character of We	ll (oil, gas	or dry)
Drill		Subsequ Convers Formatio Altering Plugging Plugging	ent Report of ion. In Treatmen casing Back	of:
8.515.00 plugging fee is also required with each application to plug.		ti		
O Bbls oil 0 Bbls water in To reactivate & set up for production in CO2 test Will MIRU POOH w/tbg, rods, & pump. Fish all from hole if needed. RIH w/bit & scraper to TD. CIBP at end of casing or liner. Perf & cement coliner to 700' above end. WOC. Shoot off & POC 500' of csg. (or shoot every 50 ft to surface).Ins 3½" production casing w/bottom 500 ft chrome Cement this to surface w/DV tool set @ 600'. WRIH w/ bit & clean out to CIBP. Run CBL. Drill of BP & put on production w/ceramic coated tbg & I understand that this plan of work must receive approval in	st area junk Set sg or DH w/top stall new lined. VOC. but		ed: nue on reverse or plugging Casing Re	g information onl
Fo reactivate & set up for production in CO2 test Will MIRU POOH w/tbg, rods, & pump. Fish all from hole if needed. RIH w/bit & scraper to TD. CIBP at end of casing or liner. Perf & cement continuer to 700' above end. WOC. Shoot off & POC 500' of csg. (or shoot every 50 ft to surface). Instance of the surface with the continuer of the coated the with the plan of work must receive approval in writing of the Osage Indian Agency before operations	st area junk Set sg or DH w/top stall new lined. VOC. but	Work complete (Cont This block for	ed: nue on reverse or plugging Casing Re	g information onlecord
To reactivate & set up for production in CO2 test Will MIRU POOH w/tbg, rods, & pump. Fish all from hole if needed. RIH w/bit & scraper to TD. CIBP at end of casing or liner. Perf & cement colliner to 700' above end. WOC. Shoot off & POC 500' of csg. (or shoot every 50 ft to surface). Ins 3½" production casing w/bottom 500 ft chrome Cement this to surface w/DV tool set @ 600'. WRIH w/ bit & clean out to CIBP. Run CBL. Drill of BP & put on production w/ceramic coated tbg & understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations	st area junk Set sg or DH w/top stall new lined. VOC. but	Work complete (Cont This block for	ed: nue on reverse or plugging Casing Re	g information onlessord If Parted Depth He
Fo reactivate & set up for production in CO2 test will MIRU POOH w/tbg, rods, & pump. Fish all from hole if needed. RIH w/bit & scraper to TD. CIBP at end of casing or liner. Perf & cement casiner to 700' above end. WOC. Shoot off & POC 500' of csg. (or shoot every 50 ft to surface). Ins 3½" production casing w/bottom 500 ft chrome Cement this to surface w/DV tool set @ 600'. WRIH w/ bit & clean out to CIBP. Run CBL. Drill of SP & put on production w/ceramic coated tbg & understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C.	st area junk Set sg or DH w/top stall new lined. VOC. but	Work complete (Cont This block for Size In Hole When Ste	ed: nue on reverse or plugging Casing Re	g information onlecord
To reactivate & set up for production in CO2 test Will MIRU POOH w/tbg, rods, & pump. Fish all from hole if needed. RIH w/bit & scraper to TD. CIBP at end of casing or liner. Perf & cement calliner to 700' above end. WOC. Shoot off & POC 500' of csg. (or shoot every 50 ft to surface). Ins 3½" production casing w/bottom 500 ft chrome Cement this to surface w/DV tool set @ 600'. WRIH w/ bit & clean out to CIBP. Run CBL. Drill of BP & put on production w/ceramic coated tbg & understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.	st area junk Set sg or DH w/top stall new lined. VOC. but	Work complete (Cont This block for	ed: nue on reverse or plugging Casing Re	g information onlessord If Parted Depth He

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32 Phillips Pet. Corp. April 7, 2024 \$35.00 (Commencement money paid to whom) (Date) (Amount) Well No.: 11 Ft. from N line and 300 Ft. from E line is located 980 SE/4 Sec 14 27N 05E Osage County, Oklahoma (1/4 Sec. & Sec. No.) (Range) (Twp) ground level 1116 Ft. The elevation of the above sea level is Use This Side to Request Authority for Work Use This Side To Report Completed Work (Three Copies Required) (One Copy Required) Notice of Intention To: Character of Well (oil, gas or dry) Subsequent Report of: Drill..... Conversion..... Plug...... □ Deepen or plug back.. Formation Treatment.. Convert...... Altering casing..... Pull or alter casing.... ⊠ Plugging Back..... □ Formation Treatment.. Plugging...... **Details of Work Details of Work & Results Obtained** Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed midding, cementing & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for A \$15.00 plugging fee is also required with each application to plug. 0 Bbls oil Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top Work commenced: 500' of csg. (or shoot every 50 ft to surface). Install new Work completed: 31/2" production casing w/bottom 500 ft chrome lined. (Continue on reverse if necessary) Cement this to surface w/DV tool set @ 600'. WOC. This block for plugging information only RIH w/ bit & clean out to CIBP. Run CBL. Drill out Casing Record BP & put on production w/ceramic coated tbg & pump. In Hole When Started Ant. Recovered If Parted I understand that this plan of work must receive approval in Depth How writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Original TD Signature: Lessee: David P. Spencer By: Title: Manager of Regulatory Affairs Subscribed and sworn to before me this _____day of ____ Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

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April 12, 2010

Application	For	the	Operation	or	Report	on	Wells
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North Bu Gladys I. Chandler	rbank Unit Tract 32 May 20, 1924	\$35.00
	(Date)	(Amount)
Well No.: 15 is located 980	Ft. from N line and	980 Ft. from W line
SE/4 Sec 14 27N	— 05E	Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp)	(Range)	_ csage county, extending
The elevation of the ground level	_above sea level is	1128Ft.
Use This Side to Request Authority for Work	Use This Side	To Report Completed Work
(Three Copies Required)		(One Copy Required)
Notice of Intention To:	Character of Wel	l (oil, gas or dry)
Drill	Subseque	ent Report of:
Plug □	57.050	on 🗆
Deepen or plug back □		n Treatment □
Convert	II -	asing
Pull or alter casing ⊠		Back
Formation Treatment	Plugging.	🗖
🚨		f Work & Results Obtained
Details of Work Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed madding, cementing & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for carrier commencement. A \$15.00 plugging foe is also required with each application to plug.		
0 Bbls oil 0 Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/to 500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC.	D Work commence Work complete	
RIH w/ bit & clean out to CIBP. Run CBL. Will drill		Casing Record
CIBP & put on production when needed for CO2 flood. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.	Size In Hole When Star	
Lessee: Chaparral Energy, L.L.C.		
20 Ved 20 (20 (20 (20 (20 (20 (20 (20 (20 (20		Original TD
Signature: David P. Spencer	Lessee:	
Title: Manager of Regulatory Affairs	By: Subscribed and sworn to before me the	v vos 200

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

Date:

Application	For	the	Operation	OF	Report	on	Wells
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North B Phillips Petroleum Co.	urbank Unit Tract 32 April 7, 1924		\$35.00	
(Commencement money paid to whom)	(Date)		(Amount)	
Well No.:16 is located980	Ft. from N line and	980	Ft. from E li	ne
SE/4 Sec 14 27N	 05E	Osage Co	ounty, Oklaho	ma
(¼ Sec. & Sec. No.) (Twp)	(Range)			
The elevation of the ground level	above sea level is	1121	_Ft.	
Use This Side to Request Authority for Wor	Was	To Repor	t Complete	d Work
(Three Copies Required)		(One Copy Red	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	
Notice of Intention To:	Character of We			
Drill 🗆	II .	ent Report c		
Plug □		on		
Deepen or plug back □		n Treatment		
Convert	■ Example 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1	casing		
Pull or alter casing ⊠		Back		
Formation Treatment	Plugging		. 🗆	
Details of Work	Details	f Work & Bo	sults Obtaine	d
Drilling applications will state proposed TD & horizons to be tested. Show size & length of ensings to be used. Indicate proposed mudding, cementing & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for sartier commencement. A \$15.00 plugging fee is also required with each application to plug.				
O Bbls oil O Bbls water in 24 hr To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/to 500' of csg. (or shoot every 50 ft to surface).Install ne 3½" production casing w/bottom 500 ft chrome lined. Cement this to surface w/DV tool set @ 600'. WOC. RIH w/ bit & clean out to CIBP. Run CBL. Will drill	DP Work commence W Work complete	ed: nue on reverse	Informatio	on only
CIBP & put on production when needed for CO2 flood understand that this plan of work must receive approval in	. Size In Hole When Sta	ried Ami, Recovered	If Parted Depth	How
writing of the Osage Indian Agency before operations may be commenced.				
Lessee: Chaparral Energy, L.L.C.				
cosses. Onapana Energy, c.c.o.			Original TD	
Signature:	Lessee:		этемат долог 1 год 1024. 🗷	
Title: Manager of Regulatory Affairs	By:			

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 32 May 20, 2024 \$35.00 Gladys I. McComb (Amount) (Commencement money paid to whom) (Date) Well No.: 2 300 Ft. from S line and 300 Ft. from W line is located 05E Osage County, Oklahoma SE/4 Sec 14 27N (1/4 Sec. & Sec. No.) (Range) (Twp) ground level 1168 Ft. above sea level is The elevation of the Use This Side To Report Completed Work Use This Side to Request Authority for Work (One Copy Required) (Three Copies Required) Character of Well (oil, gas or dry) Notice of Intention To: Subsequent Report of: Drill..... Plug..... Conversion..... Formation Treatment.. Deepen or plug back.. Altering casing...... □ Convert...... Plugging Back..... □ Pull or alter casing..... Formation Treatment.. Plugging..... 🗆 **Details of Work & Results Obtained Details of Work** Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed midding, cementing & other work. Pingging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for A \$15.00 plugging fee is also required with each application to plug. 0 Bbls water in 24 hrs Bbls oil To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top Work commenced: 500' of csg. (or shoot every 50 ft to surface). Install new Work completed: 31/2" production casing w/bottom 500 ft chrome lined. (Continue on reverse if necessary) This block for plugging information only Cement this to surface w/DV tool set @ 600'. WOC. Casing Record RIH w/ bit & clean out to CIBP, Run CBL, Drill out BP & put on production w/ceramic coated tbg & pump. In Hole When Started Amt, Recovered If Parted I understand that this plan of work must receive approval in Depth writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Original TD Lessee: Signature: David P. Spencer By: Title: Manager of Regulatory Affairs Subscribed and sworn to before me this Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

roposed I	nj Well	*****	**************	*****	*****		
Vell Name	NBU 32-1	Com	pany Name Cosden Oil and Gas Date	te Drilled 5/2	1/1924	Depth	3053
ocation	2340 ' F N	L & 300	'FE L, SE /4, Sec. 14 , T 27	N, R 05 E	Status	Shut in oil	nije (ide.)
levation	1123	X GL KE					
Hole Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is T How:	ΓA or P&A Des	cribe
"	20 '	20	fsh 5 1/2"Inr left 92' @2888'. Dmpd 2 sx cmt @ 2840'. Part & POOH 5 1/2" csg @ 2760'. Csg		'		
	15 1/2 "	868	leaks @ 0-173.99, 1533.23-1562.88		•		
11	8 5/8 '	2302	1767.99-1825.78 & 1854.49-1941.81. spot 5 sx sand.pmp 100 sx class H cmt, 3%CC, %#				W-1 (0-14-1
"	7 '	2816	Gilsonite, disp w/ 13 BW. Pmp 50 sx class H		'		
	5 1/2 '	liner	3% CC, 5# gilsonite, disp w/13 BW. Spot 60 sx class H, 3% CC, 5# gilsonite. Pmp 40 sx class		•	*	
,,	,		H cmt @ top of 7".				
	s Open To		Burbank (Open Hole 2968' to 3053	3')			
	******		***********				
ell Name	NBU 32-2	Com	pany Name Cosden Oil and Gas Dar	te Drilled 5/2	7/1924	_Depth	307
	300'FS	L & 980	'FE L, SE /4, Sec. 14 , T 27	N. R 05 E	Status	Oil Producer	
ocation				and the second second second second			
ocation							
		- ⊠ gl ∏ke					
levation	1137	⊠ GL ∏KE					
levation .	1137 Casing	XGL KE		Top of	If well is 7	TA or P&A Des	cribe
levation	1137 Casing Size	X GL KE				TA or P&A Des	scribe_
levation Hole Size	1137 <u>Casing</u> <u>Size</u> 15 1/2 '	Landed Depth 887		Top of	If well is 7	TA or P&A Des	cribe_
levation Hole Size	1137 Casing Size 15 1/2 ' 8 5/8 '	Landed Depth 887		Top of	If well is 7	TA or P&A Des	cribe
Hole Size	1137 Casing Size 15 1/2 ' 8 5/8 '	Landed Depth 887 2317 2850	Cement & Additive Data	Top of	If well is 7	TA or P&A Des	scribe_
Hole Size	1137 Casing Size 15 1/2 ' 8 5/8 ' 7 ' 5 1/2 '	Landed Depth 887 2317 2850 liner	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'.	Top of Cement	If well is THOW:		
Hole Size	1137 Casing Size 15 1/2 ' 8 5/8 '	Landed Depth 887 2317 2850 liner	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'.	Top of Cement	If well is THOW:		
Hole Size "	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To	Landed Depth 887 2317 2850 liner Wellbore:	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30'	Top of Cement	If well is T	*****	***
Hole Size " " " Formation ***********//ell Name	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To	Landed Depth 887 2317 2850 Inner Wellbore:	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da	Top of Cement 74') ***********************************	If well is 7 How:	**************************************	***
Hole Size " " " Formation ************/ell Name	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To	Landed Depth 887 2317 2850 Inner Wellbore:	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30'	Top of Cement 74') ***********************************	If well is 7 How:	**************************************	***
Hole Size "" Formation Vell Name	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To	Landed Depth 887 2317 2850 Inner Wellbore:	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Date of the Cosden Oil	Top of Cement 74') ***********************************	If well is 7 How:	**************************************	***
Hole Size " "Formation Vell Name ocation Elevation	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To ***********************************	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement 74') ************************************	If well is 7 How: 1 1 1 1 1 5/1924 Status	*********************** _Depth Shut in Oil	3072
Hole Size " Formation Vell Name ocation levation Hole	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To NBU 32-3 300' FS 1137 Casing	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Date of the Cosden Oil	Top of Cement 74') ************************************	If well is THOW: Thom: Thom:	**************************************	3072
Hole Size " " Formation ************ /ell Name ocation	1137 Casing Size 15 1/2 ' 8 5/8 ' 7 ' 5 1/2 ' s Open To NBU 32-3 300 ' F S 1137 Casing Size	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement 74') ************************************	If well is 7 How: 1 1 1 1 1 5/1924 Status	*********************** _Depth Shut in Oil	3072
Hole Size " Formation Vell Name ocation levation Hole	1137 Casing Size 15 1/2 ' 8 5/8 ' 7 ' 5 1/2 ' s Open To ************************************	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE Landed Depth	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement 74') ************************************	If well is THOW: Thom: Thom:	*********************** _Depth Shut in Oil	3072
Hole Size " Formation ************************************	1137 Casing Size 15 1/2 ' 8 5/8 ' 7 ' 5 1/2 ' s Open To ***********************************	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE Landed Depth 863 966	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement 74') ************************************	If well is THOW: Thom: Thom:	*********************** _Depth Shut in Oil	307
Hole Size "" "" Formation ************ /ell Name ocation levation Hole Size ""	1137 Casing Size 15 1/2 ' 8 5/8 ' 7 ' 5 1/2 ' s Open To *** NBU 32-3 300 ' F S 1137 Casing Size 15 1/2 ' 10 ' 8 5/8 '	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE Landed Depth 863 966 2320	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement 74') ************************************	If well is THOW: Thom: Thom:	*********************** _Depth Shut in Oil	3072
Hole Size " Formation was a second control of the Size " Hole Size " Hole Size "	1137 Casing Size 15 1/2' 8 5/8' 7' 5 1/2' s Open To ***********************************	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE Landed Depth 863 966 2320 2847	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30'************************************	Top of Cement 74') ***********************************	If well is THOW: Thom: Thom:	*********************** _Depth Shut in Oil	3072
Hole Size "" Formation ********** Vell Name ocation levation Hole Size ""	1137 Casing Size 15 1/2 ' 8 5/8 ' 7 ' 5 1/2 ' s Open To *** NBU 32-3 300 ' F S 1137 Casing Size 15 1/2 ' 10 ' 8 5/8 '	Landed Depth 887 2317 2850 Inner Wellbore: Com L & 1017 X GL KE Landed Depth 863 966 2320 2847	Cement & Additive Data Part & POOH 5 1/2" csg @ 2807', left 175'. Burbank (Open Hole 2982.5' to 30' pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement 74') ***********************************	If well is THOW: Thom: Thom:	*********************** _Depth Shut in Oil	3072

Well Name	NBU 32-4	Com	pany Name Cosden Oil and Gas Da	te Drilled 5/	31/1924	_Depth	3037
ocation	300'FS	L & 300	'FWL, SE /4, Sec. 14 , T 27	N, R 05 E	Status	Oil Producer	
Elevation	1169	X GL KE	î .				
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is 7 How:	ΓA or P&A Desc	cribe
11	15 1/2 "	905 '			,		
"	10 "	1111 '			1		
11	8 5/8 "	2320 '					
"	7 ''	2865 '			7		
11	5 1/2 "	liner '	2814' to 2982'		•		
Formation			Burbank (Open Hole 2982' to 3037	7')			
******					*****	*****	****
Vell Name	NBU 32-5	Com	pany Name Cosden Oil and Gas Da	ite Drilled 6/	6/1924	_Depth	3050
CARADAN NEW CONT							060
ocation	980'FS	L & 300	'FWL, SE /4, Sec. 14 , T 27	N, R 05 E	Status	P & A'd 1/25/1	902
				_ N, R <u>05</u> E	Status	P & A'd 1/25/1	902
ocation		L & 300 XGL KE		_ N, R <u>05</u> E	Status	P & A'd 1/25/1	902
Elevation	1132	X]GL_KE	1				
				N, R 05 E		P & A'd 1/25/1	
levation <u>Hole</u>	1132 Casing Size	X GL KE	Cement & Additive Data	Top of	If well is T	TA or P&A Desc	cribe I D & 2% C
levation Hole Size	1132 Casing Size	X GL KE Landed Depth	Cement & Additive Data	Top of	If well is 7 How: Spot 40 sx 0 @ 3018'. T	TA or P&A Desc cmt w/1150# Diace COC @ 2516'. Par	cribe ID & 2% C t & POOH
Hole Size	1132 Casing Size 20 "	X GL KE Landed Depth 37 '	Cement & Additive Data	Top of	If well is 7 How: ' Spot 40 sx 6 @ 3018'. T 1/2" csg @	TA or P&A Desc cmt w/1150# Diace OC @ 2516'. Par 2470'. Part & POod dd 10 sx cmt @ 2	cribe ID & 2% C t & POOH DH 7" csg (2445'. Part
Hole Size	1132 Casing Size 20 " 15 1/2 "	X GL KE Landed Depth 37 '	Cement & Additive Data	Top of	If well is 7 How: Spot 40 sx 6 @ 3018'. T 1/2" csg @ 2445'. Dmp POOH 8 5/8	TA or P&A Desc cmt w/1150# Diace OC @ 2516'. Par 2470'. Part & POC	cribe ID & 2% C t & POOH DH 7" csg (2445'. Part
levation Hole Size	1132 Casing Size 20 " 15 1/2 " 8 5/8 "	X GL KE Landed Depth 37 ' 887 ' 2312 ' 2840 '	Cement & Additive Data	Top of	If well is 7 How: ' Spot 40 sx 6 @ 3018'. T 1/2" csg @	TA or P&A Desc cmt w/1150# Diace OC @ 2516'. Par 2470'. Part & POod dd 10 sx cmt @ 2	cribe ID & 2% C t & POOH DH 7" csg (2445'. Part
Hole Size	1132 Casing Size 20 " 15 1/2 " 8 5/8 "	Landed Depth 37 ' 887 ' 2312 ' 2840 ' liner '	Cement & Additive Data 2315' to 2978'	Top of	If well is 7 How: Spot 40 sx 6 @ 3018'. T 1/2" csg @ 2445'. Dmp POOH 8 5/8	TA or P&A Desc cmt w/1150# Diace OC @ 2516'. Par 2470'. Part & POod dd 10 sx cmt @ 2	cribe ID & 2% C t & POOH DH 7" csg (2445'. Part
Hole Size	Casing Size 20 " 15 1/2 " 8 5/8 " 7 " 5 1/2 "	Landed Depth 37 ' 887 ' 2312 ' 2840 ' liner '	Cement & Additive Data	Top of	If well is 7 How: Spot 40 sx 6 @ 3018'. T 1/2" csg @ 2445'. Dmp POOH 8 5/8	TA or P&A Desc cmt w/1150# Diace OC @ 2516'. Par 2470'. Part & POod dd 10 sx cmt @ 2	cribe ID & 2% C t & POOH DH 7" csg (2445'. Part
Hole Size "	Casing Size 20 " 15 1/2 " 8 5/8 " 7 " 5 1/2 "	Landed Depth 37' 887' 2312' 2840' liner' Wellbore:	Cement & Additive Data 2315' to 2978'	Top of Cement	If well is Thow: Spot 40 sx of 3018'. The system of 1/2" csg of 2445'. Dmp POOH 8 5/8 surf.	TA or P&A Desc cmt w/1150# Diace COC @ 2516'. Par 2470'. Part & POO od 10 sx cmt @ 2 8" csg @ 1000'. Mu	cribe ID & 2% Cot & POOH OH 7" csg @ 2445'. Part udded hole t
Hole Size " Formation	20 " 15 1/2 " 8 5/8 " 7 " 5 1/2 " ns Open To	Landed Depth 37 ' 887 ' 2312 ' 2840 ' liner ' Wellbore:	Cement & Additive Data 2315' to 2978' None	Top of Cement	If well is THOW: Spot 40 sx of 3018' of 1/2" csg @ 2445'. Dmp POOH 8 5/8 surf.	TA or P&A Desc cmt w/1150# Diace COC @ 2516'. Par 2470'. Part & POC ad 10 sx cmt @ 2 8" csg @ 1000'. Mu	cribe ID & 2% C t & POOH OH 7" csg (2445'. Part udded hole t
Hole Size " Formation	20 " 15 1/2 " 8 5/8 " 7 " 5 1/2 " ns Open To **NBU 32-6	Landed Depth 37 ' 887 ' 2312 ' 2840 ' liner ' Wellbore:	Cement & Additive Data 2315' to 2978' None Pany Name Cosden Oil and Gas Date 'FW L, SE /4, Sec. 14 , T 27	Top of Cement	If well is THOW: Spot 40 sx of 3018' of 1/2" csg @ 2445'. Dmp POOH 8 5/8 surf.	TA or P&A Desc cmt w/1150# Diace COC @ 2516'. Par 2470'. Part & POC ad 10 sx cmt @ 2 8" csg @ 1000'. Mu	cribe ID & 2% C t & POOH OH 7" csg (2445'. Part udded hole t
Hole Size " Formation Vell Name	20 " 15 1/2 " 8 5/8 " 7 " 5 1/2 " ns Open To **NBU 32-6	Landed Depth 37' 887' 2312' 2840' liner' Wellbore: Com	Cement & Additive Data 2315' to 2978' None Pany Name Cosden Oil and Gas Date 'FW L, SE /4, Sec. 14 , T 27	Top of Cement	If well is 7 How: Spot 40 sx 6 @ 3018'. T 1/2" csg @ 2445'. Dmp POOH 8 5/8 surf. ************************************	TA or P&A Desc cmt w/1150# Diace COC @ 2516'. Par 2470'. Part & POO od 10 sx cmt @ 2 8" csg @ 1000'. Mu	D & 2% C t & POOH OH 7" csg (2445'. Part udded hole t
Hole Size " Formation Vell Name ocation Elevation Hole	20 " 15 1/2 " 8 5/8 " 5 1/2 " 5 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 16 Open To	Landed Depth 37 ' 887 ' 2312 ' 2840 ' liner ' Wellbore: Com L & 300 X GL KE	Cement & Additive Data 2315' to 2978' None pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement ***********************************	If well is Thow: Spot 40 sx 6 3018'. The system of the sy	Cont w/1150# Diace Cont w/1150# Diace COC @ 2516'. Par 2470'. Part & POC od 10 sx cmt @ 2 8" csg @ 1000'. Mi	D & 2% C t & POOH OH 7" csg (2445'. Part udded hole t
Hole Size " Formation Vell Name ocation Elevation Hole Size	20 " 15 1/2 " 8 5/8 " 7 " 5 1/2 " 15 0pen To NBU 32-6 980 FN 1131 Casing Size 10 "	X GL KE Landed Depth 37' 887' 2312' 2840' liner' Wellbore: Com L & 300 X GL KE Landed Depth 437'	Cement & Additive Data 2315' to 2978' None pany Name Cosden Oil and Gas Da ' F.W. L., SE /4, Sec. 14 , T 27	Top of Cement ***********************************	If well is Thow: Spot 40 sx 6 3018'. The system of the sy	Cont w/1150# Diace Cont w/1150# Diace COC @ 2516'. Par 2470'. Part & POC od 10 sx cmt @ 2 8" csg @ 1000'. Mi	D & 2% C t & POOH OH 7" csg (2445'. Part udded hole
Hole Size Formation Vell Name ocation Elevation Hole Size	20 " 15 1/2 " 8 5/8 " 5 1/2 " 5 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 15 1/2 " 16 Open To	Landed Depth 37 ' 887 ' 2312 ' 2840 ' liner ' Wellbore: Com L & 300 X GL KE	Cement & Additive Data 2315' to 2978' None pany Name Cosden Oil and Gas Da 'FW L, SE /4, Sec. 14 , T 27	Top of Cement ***********************************	If well is Thow: Spot 40 sx 6 3018'. The system of the sy	Cont w/1150# Diace Cont w/1150# Diace COC @ 2516'. Par 2470'. Part & POC od 10 sx cmt @ 2 8" csg @ 1000'. Mi	D & 2% C t & POOH OH 7" csg (2445'. Part udded hole

	NBU 32-7	Comp	any Name Cosden Oil and Gas	Date Drilled	5/25/	/1924	Depth	3035
ocation	300'FN	L & 2340	'FEL, SE /4, Sec. 14 , T	27 N, R 05	E	Status	P & A'd 7	/17/1962
Elevation	1136	XGL KB						
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cemer	<u>nt</u>	How:	A or P&A	
11	15 1/2 "	888 '						Diacel D & 2% CC
"	8 5/8 "	2296 '			'	1/2" csg. P.	art & POOH	7" csg @ 2600
ii.	7 "	2296 ')'. Part @ POOH and the country of t
	5 1/2 "	liner '	2271' to 2975'		·	0/0 00g @	rozo i madad	a note to sun
	s Open To	Wellbore:	None			· · · · · · · · · · · · · · · · · · ·		
			**********	******	*****	****	*****	*****
Vell Name	NBU 32-8	Comp	any Name Cosden Oil and Gas	Date Drilled	6/20/	/1924	Depth	3046
.ocation	300'FN	L & 980	'FW L, SE /4, Sec. 14 , T	27 N. R 05	E	Status	P & A'd 2	/19/65
		200			1000			
Elevation	1135	X GL KB						
Hole	Casing	Landed		Торо	f	If well is T	A or P&A	Describe
Size	Size	Depth	Cement & Additive Data	Cemer	_		AUIFAA	Describe
OIZE				Cente	nt .	HOW.		
<u>Olze</u>	The same of the sa	Annual Control of the		Cemer	,			
	1	20 '		Cemer		cmtd form @ Diacel D &	2% CC. Pa	rt & POOH 5 1/2
	20 "	20 '		Center	•	cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx	2% CC. Pa '. Part & POC reg cmt @ 2	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts
	20 " 10 " 8 5/8 "	20 ' 916 ' 2317 '		Center		cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr	2% CC. Pa '. Part & POC reg cmt @ 2 mpd 15 sx cr	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I
"	20 " 10 " 8 5/8 " 7 "	20 ' 916 ' 2317 ' 2842 '	2817' to 2969'	Center		cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr	2% CC. Pa '. Part & POC reg cmt @ 2	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I
"	20 " 10 " 8 5/8 " 7 "	20 ' 916 ' 2317 ' 2842 ' liner '	2817' to 2969'	Genter		cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr	2% CC. Pa '. Part & POC reg cmt @ 2 mpd 15 sx cr	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I
"	20 " 10 " 8 5/8 " 7 " 5 1/2 "	20 ' 916 ' 2317 ' 2842 ' liner '	2817' to 2969' None			cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap	2% CC. Pa '. Part & POC reg cmt @ 2 mpd 15 sx cr pped w/5 sx c	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. PId 102 jts nt w/30% Diacel I
" " Formatior	20 " 10 " 8 5/8 " 7 " 5 1/2 "	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore:	None	**********	*****	cmtd form (Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap	2% CC. Pa '. Part & POC creg cmt @ 2 mpd 15 sx cr oped w/5 sx cr	*****
Formation	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore:	None ************************************	Date Drilled	7/14	cmtd form (Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap	2% CC. Pa d. Part & POC d. reg cmt @ 2 mpd 15 sx cr oped w/5 sx cr Depth	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I cmt.
Formation	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore:	None	Date Drilled	7/14	cmtd form (Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap	2% CC. Pa d. Part & POC d. reg cmt @ 2 mpd 15 sx cr oped w/5 sx cr Depth	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I cmt.
Formation Well Name	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To NBU 32-9	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore: Comp	None Pany Name Cosden Oil and Gas FE L, SE /4, Sec. 14 , T	Date Drilled	7/14	cmtd form (Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap	2% CC. Pa d. Part & POC d. reg cmt @ 2 mpd 15 sx cr oped w/5 sx cr Depth	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I cmt.
Formation	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To NBU 32-9	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore:	None Pany Name Cosden Oil and Gas FE L, SE /4, Sec. 14 , T	Date Drilled	7/14	cmtd form (Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap	2% CC. Pa d. Part & POC d. reg cmt @ 2 mpd 15 sx cr oped w/5 sx cr Depth	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts nt w/30% Diacel I cmt.
Formation ********* Well Name Location Elevation Hole	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To NBU 32-9 300 ' F N 1139 Casing	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore: Comp L & 980 X GL KB	None vany Name Cosden Oil and Gas 'FE L, SE /4, Sec. 14 , T	Date Drilled 27 N, R 05	7/14 E	cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap **************/1924 Status If well is 1	2% CC. Pa d. Part & POC d. reg cmt @ 2 mpd 15 sx cr oped w/5 sx cr Depth	rt & POOH 5 1/2 DH 7" csg @ 2700 2070". Pld 102 jts mt w/30% Diacel I cmt. 3053
Formation Well Name Location Elevation Hole Size	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To NBU 32-9 300 ' F N 1139 Casing Size	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore: Comp L & 980 X GL KB Landed Depth	None Pany Name Cosden Oil and Gas FE L, SE /4, Sec. 14 , T	Date Drilled	7/14 E	cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap ************* /1924 Status If well is Thow:	2% CC. Pa 7. Part & POC 8 reg cmt @ 2 mpd 15 sx cr pped w/5 sx cr Paped w/5 sx cr P & A'd 7	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts mt w/30% Diacel I cmt. 3053 /10/1962 Describe
Formation Vell Name ocation Elevation Hole Size	20 " 10 " 8 5/8 " 7 " 5 1/2 " ns Open To NBU 32-9 300 ' F N 1139 Casing Size 15 1/2 "	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore: Comp L & 980 X GL KB Landed Depth 879 '	None vany Name Cosden Oil and Gas 'FE L, SE /4, Sec. 14 , T	Date Drilled 27 N, R 05	7/14 E	cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap ************* /1924 Status If well is Thow: Spot 40 sx	2% CC. Pa 7. Part & POC 8 reg cmt @ 2 mpd 15 sx cr pped w/5 sx cr Paped w/5 sx cr P & A'd 7 FA or P&A cmt w/30%	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts mt w/30% Diacel I cmt. 3053 /10/1962 Describe Diacel D @ 3000
Formation ********* Well Name Location Elevation Hole Size	20 " 10 " 8 5/8 " 7 " 5 1/2 " 15 Open To NBU 32-9 300 ' F N 1139 Casing Size 15 1/2 " 8 5/8 "	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore: Comp L & 980 X GL KB Landed Depth	None vany Name Cosden Oil and Gas 'FE L, SE /4, Sec. 14 , T	Date Drilled 27 N, R 05	7/14 E	cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap ************ /1924 Status If well is Thow: Spot 40 sx TOC @ 270 2660'. Part	2% CC. Pa 7. Part & POC 8 reg cmt @ 2 mpd 15 sx cr pped w/5 sx cr P & A'd 7 FA or P&A cmt w/30% 01'. Part & P & POOH 7" c	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts mt w/30% Diacel I cmt. 3053 /10/1962 Describe Diacel D @ 3000 OOH 5 1/2" csg @ csg @ 2620'. Dmp
Formation Vell Name ocation Elevation Hole Size	20 " 10 " 8 5/8 " 7 " 5 1/2 " 15 Open To NBU 32-9 300 ' F N 1139 Casing Size 15 1/2 " 8 5/8 "	20 ' 916 ' 2317 ' 2842 ' liner ' Wellbore: Comp L & 980 X GL KB Landed Depth 879 '	None vany Name Cosden Oil and Gas 'FE L, SE /4, Sec. 14 , T	Date Drilled 27 N, R 05	7/14 E	cmtd form @ Diacel D & csg @ 2870 Dmpd 10 sx 5/8" csg. Dr @ 125'. Cap *********** /1924 Status If well is Thow: Spot 40 sx TOC @ 270 2660'. Part 10 sx cmt	2% CC. Pa 7. Part & POC 8 reg cmt @ 2 mpd 15 sx cr pped w/5 sx cr P & A'd 7 FA or P&A cmt w/30% 01'. Part & P & POOH 7" c	rt & POOH 5 1/2 DH 7" csg @ 2700 2070'. Pld 102 jts mt w/30% Diacel I cmt. 3053 /10/1962 Describe Diacel D @ 3000 OOH 5 1/2" csg @ csg @ 2620'. Dmp art & POOH 8 5/8

vveii Nam	€ NBU 32-10	Comp	pany Name Cosden Oil and Gas Dat	e Drilled 6/5	5/1924	_Depth	3030
Location	300 ' F N	L & 300	'FE L, SE /4, Sec. 14 , T 27	N, R <u>05</u> E	Status	P & A'd 6/2	7/1962
Elevation	1130	⊠GL KB					
<u>Hole</u> Size	<u>Casing</u> Size	<u>Landed</u> Depth	Cement & Additive Data	Top of Cement	0270	TA or P&A D	escribe
	20			Cement	How: Spot 35 sx	cmt w/30% Dia	cel D & 2% C
,	15 1/2				@ 2985'. T	OC @ 2800'. F	Part & POOH
	8 5/8					0', 168' left. Dm k POOH 8 5/8" c	
	7	2290				d hole to surf.	
	5 1/2		27021 to 2070!		-		
Formatio	ns Open To		2793' to 2970' None		1		
******	115 Open 10	**********	NONE	*****	*****	*****	****
Vell Nam	€ NBU 32-11	Comp	pany Name Cosden Oil and Gas Dat	e Drilled 5/2	4/1924	Depth	2993
ocation.	980'FN	_L & 300	'FE L, SE /4, Sec. 14 , T 27	N, R 05 E	Status	Oil Produce	er
levation	1116	X GL KB					
levation	1110	Marilly					
<u>Hole</u>	Casing	Landed	Cement & Additive Data	Top of	If well is	TA or P&A D	escribe
Size	Size	Depth	Cement & Additive Data				
		Deptil	33.113.11.31.11.11.11.11.11.11.11.11.11.	Cement	How:		CSCIDE
'	20	The state of the s	ran 545' 5 1/2" csg to fix leaks on 7" csg@	Cement			CSCIDE
,	20	22 '		Cement			CSCHDC
	20	22 '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2%	Cement			<u>escribe</u>
	15 1/2	22 ' 857 ' 2281 '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm				CSCHING
	15 1/2 8 5/8	22 ' 857 ' 2281 ' 2801 '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC.				
,	15 1/2 8 5/8 7	22 ' 857 ' 2281 ' 2801 ' liner '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'.	,			COUNTRY
, Formatio	15 1/2 8 5/8 7 5 1/2	22 ' 857 ' 2281 ' 2801 ' Inner ' Wellbore:	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm	')	How:		
Formatio	15 1/2 18 5/8 7 1 5 1/2 1 ns Open To	22 ' 857 ' 2281 ' 2801 ' liner ' Wellbore:	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993	') ********	How: ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	*****	****
Formatio	15 1/2 8 5/8 7 5 1/2 ns Open To	22 ' 857 ' 2281 ' 2801 ' liner ' Wellbore:	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993	') ************************************	How: ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	**************************************	******
Formatio	15 1/2 8 5/8 7 5 1/2 ns Open To	22 ' 857 ' 2281 ' 2801 ' liner ' Wellbore:	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993	') ************************************	How: ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	**************************************	******
Formatio ************ Vell Nam	15 1/2 8 5/8 7 5 1/2 ns Open To	22 ' 857 ' 2281 ' 2801 ' 1 liner ' Wellbore: Comp	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993 **********************************	') ************************************	How: ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	**************************************	******
Formatio ************ Vell Nam	15 1/2 8 5/8 7 5 1/2 ns Open To	22 ' 857 ' 2281 ' 2801 ' liner ' Wellbore:	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993 **********************************	') ************************************	How: ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	**************************************	******
Formatio ****** Vell Name ocation Elevation Hole	15 1/2 8 5/8 7 5 1/2 ns Open To 8 NBU 32-12 1560 F S 1120 Casing	22 ' 857 ' 2281 ' 2801 ' 1 liner ' Wellbore: Comp	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993***********************************	') ************************************	How: ' ' ' ' ' 9/1924 Status	**************************************	****** 3031 /1962
Formatio Vell Name ocation levation Hole Size	15 1/2 8 5/8 7 7 5 1/2 ns Open To 1560 F S 1120 Casing Size	22 ' 857 ' 2281 ' 2801 ' 100	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993 **********************************	') ***************** e Drilled <u>5/1</u> N, R <u>05</u> E	How: / / / / / / / / / / / / / / / / / /	**************************************	****** 3031 /1962 escribe
Formation Vell Name ocation Elevation Hole Size	15 1/2 8 5/8 7 1 5 1/2 1 1 5 1/2 1 1 5 1/2 1 1 1 1 2 0 1 1 1 1	22 ' 857 ' 2281 ' 2801 ' 100	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993***********************************	') ******* e Drilled 5/1 N, R 05 E	How: / / / / / / / / / / / / /	************** Depth P & A'd 1/9 TA or P&A D cmt w/700# Dia	****** 3031 /1962 escribe
Formatio ********** Vell Name cocation Elevation Hole Size	15 1/2 8 5/8 7 1 5 1/2 1 1 5 1/2 1 1 5 1/2 1 1 1 1 2 0 1 1 1 1	22 ' 857 ' 2281 ' 2801 ' 1 liner ' Wellbore: Comp L & 300 X GL KB Landed Depth 857 '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993***********************************	') ******* e Drilled 5/1 N, R 05 E	How: '	**************** Depth P & A'd 1/9 TA or P&A D cmt w/700# Dia FOC @ 2425'. 2340', left 597'.	****** 3031 /1962 escribe acel D & 2% (Part & POOH Part & POOH
Formation Vell Name ocation Elevation Hole Size	15 1/2 8 5/8 7 5 1/2 ns Open To 15 1/2 1560 F S 1120 Casing Size 15 1/2 8 5/8	22 ' 857 ' 2281 ' 2801 ' 1 liner ' Wellbore: Comp L & 300 X GL KB Landed Depth 857 ' 228 '	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993***********************************	') ******* e Drilled 5/1 N, R 05 E	How: / / / / / / / / / / / / /	**************************************	****** 3031 /1962 escribe acel D & 2% (Part & POOH Part & POOH pd 10 sx cmt
Formation Cocation Elevation Hole Size	15 1/2 8 5/8 7 5 1/2 ns Open To See NBU 32-12 1560 F S 1120 Casing Size 15 1/2 8 5/8 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 ' 857 ' 2281 ' 2801 ' 10	ran 545' 5 1/2" csg to fix leaks on 7" csg@ 2754'. Cmtd w/80 sx reg, 20% Diacel D, 2% CC. pld 2754' 5 1/2" csg, left Inr w/top @ 2754'. Btm @ 2969'. Burbank (Open Hole 2969' to 2993***********************************	') ******* e Drilled 5/1 N, R 05 E	How: / / / / / / / / / / / / /	**************** Depth P & A'd 1/9 TA or P&A D cmt w/700# Dia FOC @ 2425'. 2340', left 597'.	****** 3031 /1962 escribe acel D & 2% (Part & POOH Part & POOH pd 10 sx cmt 8" csg @ 156

******	nj Well	******	**************	*****	********
Well Name	NBU 32-13	Com	oany Name Cosden Oil and Gas D	ate Drilled 5/4	/1924 Depth 3046 '
_ocation	980'FS	L & 980	'FE L, SE /4, Sec. 14 , T 27	7 N, R 05 E	Status P & A'd 2/5/1963
Elevation	1135	X GL KB			
<u>Hole</u> Size	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
11	20 "			Joiner	spot 25 sx reg w/30% Diacel D @ 3008'.
- 11	15 1/2 "	881 '			TOC @ 2727'. Part & POOH 125 jts 5 1/2' csg @ 2700'. Part & POOH 118 jts of 7'
	8 5/8 "	2313 '			csg @ 2680'. Dmpd 10 sx cmt @ 2650'
	7 "	2824 '			Part & POOH 89 jts 8 5/8" csg 2040-1820" Mudded hole to surf.
11	5 1/2 "		2799' to 2979'	1	i madded hole to suri.
Formation	s Open To		None		
*****	*****	******	************	*****	*******
Vell Nam∈	NBU 32-14	Comp	pany Name Cosden Oil and Gas Da	ate Drilled 5/2	4/1924 Depth 3044
ocation	1660 FN	L. & 1660	'FE L, SE /4, Sec. 14 , T 27	7 N, R 05 E	Status P & A'd 3/23/1962
Elevation	1137	X GL KB			
Holo	Coolna	Londod		T	K II i- TA DOA D iI-
<u>Hole</u> Size	Casing Size	<u>Landed</u> Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	15 1/2 "	896 '			CO to 3051'. Spot 70 sx cmt w/2150#
11	8 5/8 "	2346 '		-	Diacel D & @% CC @ 3018". TOC @
11	7 "	Trademon v		1	2500'. Part & POOH 5 1/2" csg, 110 jts Part & POOH 7" csg @ 2365', 107 jts
		2823 '	200011 20701		Dmpd 10 sx cmt @ 2365'. Part & POOH 8
	5 1/2 "	liner '			
			2800' to 2978'		
u	11		2800° to 2978°		5/8" csg @ 1965', 89 jts. Mudded hole to surf
	" s Open To		None		5/8" csg @ 1965', 89 jts. Mudded hole to surf
Formation:	*****	• Wellbore:	None	*****	surf
Formation:	*****	• Wellbore:		**************************************	surf
Formation: ************ Vell Name	*********** NBU 32-15	Wellbore:	None		surf //1924 Depth 3049
Formation: ********** Vell Nameocation	980 ' F.N	Wellbore:	None pany Name Cosden Oil and Gas Distriction 'FW L, SE /4, Sec. 14 , T 27		surf
Formation: *********** Vell Name ocation Elevation	980 F N	Wellbore: Comp L & 980	None pany Name Cosden Oil and Gas Dilling F.W.L., SE /4, Sec. 14 , T 27	7 N, R 05 E	surf
Formation: ********** Vell Nameocation	980 FN	Wellbore: Comp	None pany Name Cosden Oil and Gas Distriction 'FW L, SE /4, Sec. 14 , T 27	7 N, R 05 E	
Formation: Vell Name ocation Elevation Hole	980 FN 1129 Casing Size	Wellbore: Comp L & 980 X GL KB Landed Depth	None pany Name Cosden Oil and Gas Dilling F.W.L., SE /4, Sec. 14 , T 27	7 N, R 05 E	surf
Formation: ********* Well Name .ocation Elevation Hole Size	980 ' F N 1129 Casing Size 15 1/2 "	Wellbore: Comp L & 980 X GL KB Landed Depth 819 '	None pany Name Cosden Oil and Gas Dilling F.W.L., SE /4, Sec. 14 , T 27	7 N, R 05 E	
Formation: ********* Vell Name .ocation Elevation	980 FN 1129 Casing Size	Wellbore: Comp L & 980 X GL KB Landed Depth 819'	None Doany Name Cosden Oil and Gas Distriction 'FW L, SE /4, Sec. 14 , T 27	7 N, R 05 E Top of Cement	
Formation: ******** Vell Name .ocation Elevation Hole Size "	980 ' F N 1129 Casing Size 15 1/2 " 8 5/8 "	Wellbore: Comp L & 980 X GL KB Landed Depth 819 '	None pany Name Cosden Oil and Gas Dilling F.W.L., SE /4, Sec. 14 , T 27	7 N, R 05 E Top of Cement	

Mall Name -			***************	******	*****	******	
veli Name	NBU 32-16	Comp	any Name Cosden Oil and Gas Date	te Drilled 6/6/	1924	Depth	3030
Location	980 ' F N	_ & 980	FEL, SE /4, Sec. 14 , T 27	N, R 05 E	Status	Shut in oil	
Elevation	1122	KGL KB					
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is T How:	A or P&A Desc	ribe
"	20 "	74 '			1		
"	15 1/2 "	860 '			1		
	8 5/8 "	2299 '	Part & POOH 2800' 5 1/2" csg @ 2778'.top of csg @ 2778' & btm @ 2967', left 189'.				
	7 "	2826 '	CSg @ 2770 G bill @ 2507 ; ICIT 105 .		5		¥.
"	5 1/2 "	liner '	2778' to 2967'				
Formation	s Open To V	Vellbore:	Burbank (Open Hole 2967' to 3030)')			
*****	*****	*****	***********	******	******	******	*
Vell Name	NBU 32-W2	1 Comp	any Name Phillips Petroleum Com Da	te Drilled 8/1	5/1961	Depth	3050
ocation	890'FS I	& 565	'F <u>W</u> L, <u>SE</u> /4, Sec. <u>14</u> , T <u>27</u>	N, R 05 E	Status	Injection well	
Elevation	1130	KB KB					
<u>Hole</u>	Casing	Landed	Cement & Additive Data	Top of	If well is T	ΓA or P&A Desc	cribe
<u>Size</u>	<u>Size</u>	<u>Depth</u>		Cement	How:		
	8 5/8 "	112 '	Cmt w/105 sx cmt	surf	1		
"	4 1/2 "	3007 '	114 sx cmt w/3200# Diacel D	1990			
11							
117	144						
	31	,			,		
"	31	,					
"	" " s Open To V	Vellbore:	Burbank (Open Hole 3007' to 3050	0')			
" Formation	******	*****	Burbank (Open Hole 3007' to 3050	*****	*******	****	*
" Formation	s Open To V	*****	Burbank (Open Hole 3007' to 3050	*****	/1961	******************** _Depth	* 3069
Formation ***** Well Name	************ NBU 32-W2	**************************************	***********	te Drilled <u>8/8</u>		Depth	* 3069
" Formation	**************************************	**************************************	any Name Phillips Petroleum Com Da	te Drilled <u>8/8</u>			* 3069
Formation ***** Well Name _ocation	**************************************	3 Comp	any Name Phillips Petroleum Com Da	te Drilled <u>8/8</u>	Status		
Formation ************ Well Name ocation Elevation Hole	************** NBU 32-W2 890 ' F S 1123 [Casing	3 Comp L & 715 X GL KB	rany Name Phillips Petroleum Com Da	te Drilled <u>8/8</u> N, R <u>05</u> E <u>Top of</u>	Status	Injection well	
Formation Well Name Location Elevation Hole Size	************** NBU 32-W2 890 ' F S 1123 Casing Size 8 5/8 '	3 Comp L & 715 X GL KB Landed Depth 116'	Phillips Petroleum Com Da FEL, SE /4, Sec. 14 , T 27 Cement & Additive Data Cmt w/105 sx cmt	te Drilled 8/8 N, R 05 E Top of Cement	Status	Injection well	
Formation *********** Well Name ocation Elevation Hole Size	************ NBU 32-W2 890' F.S. 1123 Casing Size	3 Comp L & 715 X GL KB Landed Depth	rany Name Phillips Petroleum Com Da 'FEL, SE /4, Sec. 14 , T 27	te Drilled 8/8 N, R 05 E Top of Cement	Status	Injection well	
Formation *********** Well Name ocation Elevation Hole Size	************** NBU 32-W2 890 ' F S 1123 Casing Size 8 5/8 '	3 Comp L & 715 X GL KB Landed Depth 116'	Phillips Petroleum Com Da FEL, SE /4, Sec. 14 , T 27 Cement & Additive Data Cmt w/105 sx cmt	te Drilled 8/8 N, R 05 E Top of Cement	Status	Injection well	
Formation *********** Well Name Location Elevation Hole Size ""	************** NBU 32-W2 890 ' F S 1123 Casing Size 8 5/8 '	3 Comp L & 715 X GL KB Landed Depth 116'	Phillips Petroleum Com Da FEL, SE /4, Sec. 14 , T 27 Cement & Additive Data Cmt w/105 sx cmt	te Drilled 8/8 N, R 05 E Top of Cement	Status	Injection well	
Formation *********** Well Name cocation Elevation Hole Size "	************** NBU 32-W2 890 ' F S 1123 Casing Size 8 5/8 '	3 Comp L & 715 X GL KB Landed Depth 116'	Phillips Petroleum Com Da FEL, SE /4, Sec. 14 , T 27 Cement & Additive Data Cmt w/105 sx cmt	te Drilled 8/8 N, R 05 E Top of Cement	Status	Injection well	

Well Nam Location	e NBU 32-W				
Location	•	25 Comp	pany Name Phillips Petroleum Com Dat	te Drilled 6/1	7/1962 Depth 3073
	420 ' F N	L & 565	FWL, SE /4, Sec. 14 , T 27	N, R 05 E	Status Injection well
Elevation	1132	X GL KB			
<u>Hole</u> <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
	" 8 5/8 "	116 '	Cmt w/110 sx cmt	surf	
	" 4 1/2 "	3023 '	135 sx cmt w/30% Diacel D	2190	
	" "	1			
,					
Formatio	ns Open To	Wellbore:	Burbank (Open Hole 3023' - 3073')	*****	********
Well Nam	€ NBU 32-W	27 Comp	pany Name Phillips Petroleum Com Dat	e Drilled 6/12	2/1962 Depth 3043
Location	420 ' F.N	L & 715	FE L, SE /4, Sec. 14 , T 27	N, R 05 E	Status Injection well
Elevation	1115	⊠GL∏KB			
Hole <u>Size</u>	Casing Size	<u>Landed</u> <u>Depth</u>	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
	" 8 5/8 "	118 '	Cmt w/110 sx cmt	surf	
,	" 4 1/2 "	3007 '	135 sx cmt w/30% Diacel D. Run 290' of 1" between 8 5/8" & 4 1/2" csg cmt w/150 sx reg to surface	2350 Surface	
٠, ه	" 3 1/2 "	2791 '	Cmt w/150 sx reg, 2% Gel		
-	., ,,	,			
	ns Open To		Burbank (Open Hole 3007' - 3043')		
Well Nam			pany Name Dat	te Drilled	Depth
	10	1 &	'FL, /4, Sec , T	N D E	Status
Location		L O	1L,, 1, 1	_ IN, IN E	Status
Location Elevation		_ GL _ KB	1L,,1	. N, NE	Status
	Casing Size		Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
Elevation Hole Size	Casing Size	GL KB		Top of	If well is TA or P&A Describe
Elevation Hole Size	Casing Size	GL KB		Top of	If well is TA or P&A Describe
Elevation Hole Size	Casing Size	GL KB		Top of	If well is TA or P&A Describe
Elevation Hole Size	Casing Size	GL KB		Top of	If well is TA or P&A Describe

United States

Department of the Interior Osage Indian Agency Pawhuska, Oklahoma

Date:

Application F	For the	Operation	or	Report	on	Wells
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N Geo. N. Wise	North Burb				\$100.00			
(Commencement money paid to whom)		March 21, 19 Date)		(Amount)				
Well No.: 2 is located	300	Ft. from S	line and	980	Ft. from E	ine		
NW/4 Sec 14 27N		— Ö:	5E	Osage Co	– ounty, Oklaho	ma		
(1/4 Sec. & Sec. No.) (Twp)			inge)	. Congo o				
The elevation of the ground I	level	_above sea	level is		_ Ft.			
Use This Side to Request Authority for (Three Copies Required)	Work	Use T		To Repor	t Complete	ed Work		
Notice of Intention To:		Characte	er of Well		Annah An			
Drill	st area junk Set sg or		Subsequer Conversion Formation Altering ca Plugging B Plugging	nt Report on	of: 	ed .		
liner to 700' above end. WOC. Shoot off & POO		Work commenced:						
500' of csg. (or shoot every 50 ft to surface).Inst		W	ork completed:					
3½" production casing w/bottom 500 ft chrome		1975			if necessary)			
Cement this to surface w/DV tool set @ 600'. W RIH w/ bit & clean out to CIBP. Run CBL. Will d		Inis		plugging Casing Re	j informati cord	on only		
CIBP & put on production when needed for CO2		Blue	1		If Parted	·		
I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations	1	Size	In Hole When Started	Amt. Recovered	If Parted Depth	How		
may be commenced. Lessee: Chaparral Energy, L.L.C.		-	-					
Lessee. Onapartal Effergy, L.L.O.		-			Original TD			
Signature:	-	Lessee:						
Title: Manager of Regulatory Affairs		Ву:	2 2 20	. 2				
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklah	noma 7311	**	orn to before me this	day of	, 2010.			

Date:

April 9, 2010

Application For the Operation or Report on Wells

	bank Unit Tract 23			
	March 21, 2024		\$100.00	
(Commencement money paid to whom)	Date)	(Amount)		
Well No.: 3 is located 300	_Ft. from S line and	980Ft.	from W line	
NW/4 Sec 14 27N	05E	Osage County	, Oklahoma	
(1/4 Sec. & Sec. No.) (Twp)	(Range)		We were the street was street as	
The elevation of the	_above sea level is	Ft.		
Use This Side to Request Authority for Work	Use This Side	To Report Co	mpleted Work	
(Three Copies Required)	((One Copy Required)	
Notice of Intention To:	Character of Well	(oil, gas or o	iry)	
Drill	Subseque	nt Report of:		
Plug		n 🗖		
Deepen or plug back □		Treatment		
Convert	11 277 2	sing		
Pull or alter casing ⊠		Back 🗆		
Formation Treatment	1			
	Flugging	Ч		
Details of Work	Detelle of	Mayle 9 Wassilds	Obtained	
Delling applications will state proposed TD & horizons to be tested. Show size & length of easings	Details of	Work & Results	Obtained	
to be used. Indicate proposed mudding, cementing & other work,				
Plauging applications shall set forth reasons for plugging & detailed statement of proposed work. Plauging will not commence until 10 days following approval date unless authority granted for				
entiler commencement.				
A 515.00 plugging fee is also required with each application to plug.			8	
0 Bbls oil 0 Bbls water in 24 hrs				
To reactivate & set up for production in CO2 test area				
Will MIRU POOH w/tbg, rods, & pump. Fish all junk				
from hole if needed. RIH w/bit & scraper to TD. Set				
역시되는 HERE LEGIS CONTROL TO BE SELECTED AND	1.			
CIBP at end of casing or liner. Perf & cement csg or				
liner to 700' above end. WOC. Shoot off & POOH w/top	Work commenced:			
500' of csg. (or shoot every 50 ft to surface).Install new	Work completed:			
31/2" production casing w/bottom 500 ft chrome lined.		e on reverse if nec		
Cement this to surface w/DV tool set @ 600', WOC.	This block for	plugging inf	ormation only	
	The state of the s	2 i D i		
		Casing Record		
BP & put on production w/ceramic coated tbg & pump.	Size In Hole When Started	Amt. Recovered	If Paned	
BP & put on production w/ceramic coated tbg & pump. understand that this plan of work must receive approval in		_	If Parted - How	
BP & put on production w/ceramic coated tbg & pump. understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations		_		
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BP & put on production w/ceramic coated tbg & pump. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Signature:	Size In Hole When Started	_	Depth How	
BP & put on production w/ceramic coated tbg & pump. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C.	Size In Hole When Started Lessee:	_	Depth How	
Signature: David P. Spencer	Size In Hole When Started	_	Depth How	
BP & put on production w/ceramic coated tbg & pump. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Signature:	Size In Hole When Started Lessee:	Amt. Recovered	Depth How Original TD	

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Bu Geo. N. Wise	irbank Unit Tract 23 March 21, 1924	\$100.00			
The state of the s	(Date)	(Amount)			
Well No.: 4 is located 980	Ft. from N line and	300	Ft. from E lin	ie	
NW/4 Sec 14 27N	— 05E	Osage Cour	nty, Oklahon	าล	
(½ Sec. & Sec. No.) (Twp)	(Range)	_ Osage Oou	ity, Okianon	ia	
5700 1700 1700 1700 1700 1700 1700 1700			=4		
The elevation of the ground level	above sea level is		Ft.		
Use This Side to Request Authority for Work (Three Copies Required)	 Herman community community is recommended. 	To Report (l Work	
Notice of Intention To:	Character of We	II (oil, gas o	r dry)		
Drill □	Subsequ	ent Report of:	12.200 N		
Plug □	Conversi	on			
Deepen or plug back □		n Treatment			
Convert	11 10 10 10 10 10 10 10 10 10 10 10 10 1	casing			
Pull or alter casing ⊠		Back			
Formation Treatment	Plugging				
Details of Work		f Work & Resu			
Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work. Pingging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for enriler commencement. A \$15.00 plugging fee is also required with each application to plug.					
0 Bbls oil 0 Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/to 500' of csg. (or shoot every 50 ft to surface).Install new	p Work commence				
3½" production casing w/bottom 500 ft chrome lined.		nue on reverse if	The second secon		
Cement this to surface w/DV tool set @ 600'. WOC.	This block fo	170		n only	
RIH w/ bit & clean out to CIBP. Run CBL. Will drill		Casing Reco	rd		
CIBP & put on production when needed for CO2 flood. I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations	Size In Hole When Sta	rted Amt. Recovered	If Parted Depth	How	
may be commenced.					
Lessee: Chaparral Energy, L.L.C.			Original TD		
Signature:	Lessee:				
David P. Spencer	Ву:				
Title: Manager of Regulatory Affairs	Subscribed and sworn to before me the	hisday of	_, 2010.		
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73	114				

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

North Burbank Unit Tract 23 Geo. N. Wise March 21, 1924 \$100.00 (Commencement money paid to whom) (Date) (Amount) Well No.: is located 980 Ft. from N line and 300 Ft. from E line NW/4 Sec 14 27N 05E Osage County, Oklahoma (1/4 Sec. & Sec. No.) (Twp) (Range) The elevation of the ground level above sea level is 1133 Ft. Use This Side To Report Completed Work Use This Side to Request Authority for Work (Three Copies Required) (One Copy Required) **Notice of Intention To:** Character of Well (oil, gas or dry) Drill..... □ Subsequent Report of: Plug..... Conversion..... Deepen or plug back.. Formation Treatment.. Convert...... Altering casing..... □ Pull or alter casing..... ⊠ Plugging Back..... □ Formation Treatment.. Plugging..... **Details of Work Details of Work & Results Obtained** Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement. A \$15.00 plugging fee is also required with each application to plug. Bbls oil Bbls water in 24 hrs To reactivate & set up for production in CO2 test area Will MIRU POOH w/tbg, rods, & pump. Fish all junk from hole if needed. RIH w/bit & scraper to TD. Set CIBP at end of casing or liner. Perf & cement csg or liner to 700' above end. WOC. Shoot off & POOH w/top Work commenced: 500' of csg. (or shoot every 50 ft to surface). Install new Work completed: 31/2" production casing w/bottom 500 ft chrome lined. (Continue on reverse if necessary) Cement this to surface w/DV tool set @ 600'. WOC. This block for plugging information only RIH w/ bit & clean out to CIBP. Run CBL. Will drill Casing Record CIBP & put on production when needed for CO2 flood. In Hole When Started Amt. Recovered If Parted I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced. Lessee: Chaparral Energy, L.L.C. Original TD Signature: Lessee: David P. Spencer By: Title: Manager of Regulatory Affairs Subscribed and sworn to before me this ______day of ____ Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114

United States

Department of the Interior Osage Indian Agency Pawhuska, Oklahoma

Date:

Application	For	the	Operation	or	Report	on	Wells
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	North Bur	bank Unit Tr	act 23				
Geo. N. Wise					\$100.00		
(Commencement money paid to whom)	Date) (A			(Amount)	(Amount)		
Well No.: 10 is locate	ed910	_Ft. from N	line and	980	_ Ft. from E lir	ne	
NW/4 Sec 14	27N	0	5E	Osage C	ounty, Oklahon	na	
(1/4 Sec. & Sec. No.)	(Twp)	(Ra	nge)				
The elevation of the gro	ound level	_above sea	level is		Ft.		
Use This Side to Request Authorit	y for Work	Use T	his Side	To Repo	rt Completed	Work	
(Three Copies Required)			((One Copy Re	quired)		
Notice of Intention To:		Characte	er of Well	(oil, gas	or dry)		
Drill □			Subseque	nt Report	of:		
Plug □			Conversio	n	🗆		
Deepen or plug back □			Formation	Treatmen	t 🗆		
Convert			Altering ca	ısing	🗆		
Pull or alter casing 🗵			Plugging E	3ack	🗆		
Formation Treatment			Plugging		🗆		
Details of Work				DESCRIPTION OF THE PERSON	sults Obtained		
Drilling applications will state proposed TD & horizons to be tested. Show size & length of to be used. Indicate proposed mudding, comenting & other work. Pingging applications shall set forth reasons for plugging & detailed statement of proposed to plugging will not commence until 10 days following approval date unless authority granted earlier commencement. A \$15.00 plugging fee is also required with each application to plug.	work						
0 Bbls oil 0 Bbls wa To reactivate & set up for production in CC Will MIRU POOH w/tbg, rods, & pump. Fis from hole if needed. RIH w/bit & scraper to CIBP at end of casing or liner. Perf & ceme liner to 700' above end. WOC. Shoot off & 500' of csg. (or shoot every 50 ft to surface 3½" production casing w/bottom 500 ft chr Cement this to surface w/DV tool set @ 60	sh all junk o TD. Set ent csg or POOH w/top e).Install new ome lined.	Wo		e on reverse	if necessary)	n only	
RIH w/ bit & clean out to CIBP. Run CBL. \		02271.009265		Casing Re			
CIBP & put on production when needed fo I understand that this plan of work must receive appr writing of the Osage Indian Agency before operations	oval in	Size	In Hole When Started			How	
may be commenced.							
Lessee: Chaparral Energy, L.L.C.				L	0.501.170		
Signature:		Lessee:			Original TD		
David P. Spencer							
Title: Manager of Regulatory Affairs		Ву:					
Address: 701 Cedar Lake Blvd., Oklahoma City	Oklahoma 7314	Subscribed and swo	m to before me this	day of	, 2010.		

Date:

Application	For	the	Operation	or	Report	on	Wells
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						urbank Unit Tract 23 March 21, 1924 \$100				
(Comm	encement mor	ney paid to	whom)	1)	Date)		(Amount)			
	Well No.:	11	is located	910	Ft. from N	line and	980	Ft. from W I	ine	
	NW/4 S	ec 14	-	7N	- 0	5E	Osage Co	– ounty, Oklahor	ma	
-	(1/4 Sec. & S			wp)		inge)	•			
Т	he elevation	n of the	groun	d level	_above sea	level is	1206	_Ft.		
Use This S		quest A	Authority 1	or Work	Use T		To Repor	t Complete	d Worl	
Notice of Int	ention To:				Characte	er of Well	(oil, gas	or dry)		
P C C P F	nte proposed TD & horize d mudding, cementing & set forth reasons for plug e until 10 days following	lug back casing eatment ails of W ons to be tested. Si other work. ging & detailed st appproval date unle		ş5		Subsequer Conversion Formation Altering & Plugging E Plugging	n Treatment sing	0 0 0	1	
Fo reactivate Will MIRU Portion hole if rolling at endiner to 700' a 500' of csg. (31/2" production cement this RIH w/ bit &	OOH w/tbg, needed. RIH of casing or above end. V or shoot ev on casing w to surface w clean out to	rods, & I w/bit & Iner. Power Sound of the Ine	Bbls water ction in CO2 pump. Fish a scraper to T erf & cement hoot off & Poto surface). I set @ 600'. Run CBL. Wilneeded for C	test area all junk D. Set t csg or DOH w/top nstall new ne lined. WOC. Il drill	This	block for	e on reverse plugging Casing Re		n only	
understand tha	at this plan of v	vork must	receive approva	al in	Size	In Hole When Started	Anit. Recovered	If Parted Depth	How	
vriting of the Os		ency befo	re operations							
	haparral Er	nergy, L.	L.C.							
					Lanner			Original TD		
Signature: _	avid P. Spe	encer			Lessee					
Title: N	Manager of F	Regulato	ry Affairs		Law manufacture and constitution and	orn to before me this	4	2010		

Date:

April 12, 2010

Application For the Operation or Report on Wells

	bank Unit Tract 23 March 21, 1924	\$100.00			
THE RESIDENCE OF THE PROPERTY	Date)	(Amount)	THE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		
Moll No: 12 is leasted 1605	Et from C line and	200	Γt from \Λ/13		
Well No.: 12 is located 1695	_Ft. from S line and	300	_ Ft. from W li		
NW/4 Sec 14 27N	05E	Osage Co	ounty, Oklahor	na	
(1/4 Sec. & Sec. No.) (Twp)	(Range)				
The elevation of the ground level	_above sea level is	1248	_Ft.		
Use This Side to Request Authority for Work	Use This Side	To Repor	t Completed	d Work	
(Three Copies Required)		One Copy Re	CONTRACTOR OF THE PARTY OF THE		
Notice of Intention To:	Character of Wel	하다 하다 하는 사람이 되지 않아 있었다.			
Drill	H	ent Report o			
Plug □		on			
Deepen or plug back Convert	73876	n Treatmen			
Convert		asing			
Pull or alter casing	II	Back			
Formation Treatment	Plugging.		Ц		
Details of Work	Details of	Work & Re	sults Obtained		
brilling applications will state proposed TD & horizons to be tested. Show size & length of casings		TIOTA GITA	ourio obtainou		
be used. Indicate proposed modding, comenting & other work. Jugging applications shall set forth reasons for plugging & detailed statement of proposed work Jugging will not commence until 10 days following approval date unless authority granted for					
riler commencement515.00 plugging fee is also required with each application to plug.					
0 Bbls oil 0 Bbls water in 24 hrs					
To reactivate & set up for production in CO2 test area					
Will MIRU POOH w/tbg, rods, & pump. Fish all junk		*			
from hole if needed. RIH w/bit & scraper to TD. Set					
CIBP at end of casing or liner. Perf & cement csg or iner to 700' above end. WOC. Shoot off & POOH w/top	10/	ı.			
500' of csg. (or shoot every 50 ft to surface).Install new					
3½" production casing w/bottom 500 ft chrome lined.	Work completed:(Continue on reverse if necessary)				
Cement this to surface w/DV tool set @ 600'. WOC.	This block for plugging information only				
RIH w/ bit & clean out to CIBP. Run CBL. Will drill		Casing Re			
CIBP & put on production when needed for CO2 flood.	Size In Hole When Start		If Parted		
understand that this plan of work must receive approval in	the note which such	Tana Managara	Depth	How	
vriting of the Osage Indian Agency before operations nay be commenced.					
Lessee: Chaparral Energy, L.L.C.					
Cooses Onapara Living 1, L.L.O.			Original TD		
Signature:	Lessee:		VINE ET VILLEY - 2 2 A		
David P. Spencer					
	By:				
Title: Manager of Regulatory Affairs					

Pawhuska, Oklahoma

Date:

April 12, 2010

Application For the Operation or Report on Wells

AMERICAN STATE OF THE STATE OF	bank Unit Tract 23 March 21, 1924	\$100.00			
10	Date)	(Amount)	TOTAL STREET,		
Well No.: 1 is located 300	Ft. from S line and	980	Ft. from E I	ine	
	TO THE POST OF THE PROPERTY OF		W 555 50 W		
NW/4 Sec 14 27N (1/4 Sec. & Sec. No.) (Twp)	05E	Osage C	ounty, Oklaho	ma	
the State of Section Africa Control of the Section Control of the Se	(Range)				
The elevation of the ground level	_ above sea level is	<u> </u>	— ^{Ft.}		
Use This Side to Request Authority for Work	Use This Side	To Repor	t Complete	ed Work	
(Three Copies Required)		(One Copy Re	quired)		
Notice of Intention To:	Character of Wel	l (oil, gas	or dry)		
Drill		ent Report o			
Plug 🗆	Conversi	on	🗆		
Deepen or plug back □	10 10 10 10 10 10 10 10 10 10 10 10 10 1	n Treatment			
Convert		asing			
Pull or alter casing Formation Transfer D		Back			
Formation Treatment	Plugging.		🗆		
Details of Work			sults Obtaine	100	
Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed modding, comenting & other work. Plugging applications shall set forth reasons for plugging & detailed statement of proposed work. Plugging will not commence ustil 10 days following approval date unless authority granted for earlier commencement. A \$15.00 plugging fee is also required with each application to plug.					
0 Bbls oil 0 Bbls water in 24 hrs					
To reactivate & set up for production in CO2 test area					
Will MIRU POOH w/tbg, rods, & pump. Fish all junk					
from hole if needed. RIH w/bit & scraper to TD. Set	9				
CIBP at end of casing or liner. Perf & cement csg or	3			8	
liner to 700' above end. WOC. Shoot off & POOH w/top	Work commenced				
500' of csg. (or shoot every 50 ft to surface).Install new 3½" production casing w/bottom 500 ft chrome lined.	Work completed	-			
Cement this to surface w/DV tool set @ 600', WOC.	This block for	ue on reverse			
RIH w/ bit & clean out to CIBP. Run CBL. Will drill	I IIIS BIOCK IO	Casing Red		n only	
CIBP & put on production when needed for CO2 flood.	Size In Hole When Starte				
I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.	an role when aims	Albit. Recovered	If Parted Depth	How	
Lessee: Chaparral Energy, L.L.C.					
staparar Eriorgy, E.E.O.			Original TD		
Signature:	Lessee:		65000000000000000000000000000000000000		
David P. Spencer					
Title: Manager of Regulatory Affairs	Ву:				
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114	Subscribed and sworn to before me this	day of	, 2010.		